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TABLES OF EQUILIBRIUM THERMODYNAMIC PROPERTIES OF ARGON
VOLUME IV. CONSTANT TEMPERATURE WITH SPECIFIC HEAT AND SPEED OF SOUND DATA

Herbert S. Brahinsky and Charles A. Neel

ARO, Inc.

March 1969

VON KÁRMÁN GAS DYNAMICS FACILITY
ARNOLD ENGINEERING DEVELOPMENT CENTER
AIR FORCE SYSTEMS COMMAND
ARNOLD AIR FORCE STATION, TENNESSEE

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NOTICES

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FOREWORD

The work reported herein was sponsored by Headquarters, Arnold Engineering Development Center (AEDC), Air Force Systems Command (AFSC), under Program Element 63101F, Task 7778.

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This technical report has been reviewed and is approved.

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ABSTRACT

Equilibrium thermodynamic data are presented for argon from a temperature of 300 to 35,000°K and from a log ρ of -5.0 to 2.4, where ρ is density in amagats. These data are tabulated at constant temperature with density incremented. The dependent parameters are log P, Z, C_p/R, C_v/R, γ, γ_E, and A/AA. Several sources were used in assembling the data.

CONTENTS

TABLE I

NOMENCLATURE

A	Speed of sound
AA	Speed of sound at 273.15°K and one atmosphere from $\sqrt{\gamma RT}$
C_p	Specific heat at constant pressure
C_v	Specific heat at constant volume
E	Internal energy
H	Enthalpy
ln	Logarithm to base e
log	Logarithm to base 10
P	Pressure, atm
P_o	Reference pressure, 1 atm
R	Gas constant
S/R	Dimensionless entropy
T	Temperature, °K
Z	Compressibility factor
Z^*	Total number of moles/mole at 273.15°K and one atm
γ	Ratio of specific heats
γ_E	Isentropic exponent $(\partial \log P / \partial \log \rho)_S$

ρ Density, amagats

ρ_o Reference density, 1 amagat; the density at 1 atm of pressure and 273.15°K

CONSTANTS FOR USE WITH ARGON TABLES

$$T_o = 273.15°K$$

Gravitational Constant $= 32.174 \text{ ft/sec}^2$

$1 \text{ Btu} = 778.158 \text{ ft-lb}$

$1 \text{ gm-cal} = 42,692.8 \text{ gm-cm}$

$1 \text{ lb/ft}^3 = 62.4283 \text{ gm/cm}^3$

$$P_o = 1.0 \text{ atm}$$
$$= 1.03323 \times 10^3 \text{ gm/cm}^2$$
$$= 14.6959 \text{ psi}$$
$$= 2116.22 \text{ psf}$$
$$= 760 \text{ mm Hg}$$
$$= 1.013246 \times 10^5 \text{ newtons/m}^2$$

$\gamma = 1.6666$ for AA calculation

$$AA = 1010.259 \text{ ft/sec}$$
$$= 307.927 \text{ m/sec}$$

Molecular Weight $= 39.944$

$$R = 1.98719 \text{ gm-cal/gm-mole °K}$$
or Btu/lb-mole °R
$$= 4.97494 \times 10^{-2} \text{ gm-cal/gm °K}$$
or Btu/lb °R
$$= 2241.988 \text{ ft}^2 \text{ °K}$$
$$= 1245.549 \text{ ft}^2/\text{sec}^2 \text{ °R}$$
$$= 3.66099 \times 10^{-3} \text{ atm/amagat °K}$$

$$\rho_o = 1.0 \text{ amagat}$$
$$= 4.45864 \times 10^{-5} \text{ gm-mole/cm}^3$$
$$= 1.78096 \times 10^{-3} \text{ gm/cm}^3$$
$$= 1.11182 \times 10^{-1} \text{ lb/ft}^3$$
$$= 3.45565 \times 10^{-3} \text{ slugs/ft}^3$$

DISCUSSION

Accurate thermodynamic data are of obvious importance for modern-day gasdynamic studies. In accordance with this philsophy, the Arnold Engineering Development Center (AEDC) has sponsored much of the work of the National Bureau of Standards (NBS) in producing and publishing the thermodynamic properties of several gases, an example of which is the AEDC report of Hilsenrath, Messina and Klein (Ref. 1) for argon. In Ref. 1 the data are presented in tables of constant temperature with the independent variable being log ρ and the dependent variables being Z, E/RT, H/RT, S/R, log P, and Z^*. These data include ionization and second virial corrections. The data of Little (Ref. 2), which are based in part on the work of Din (Ref. 3), are in the same format as the NBS data but cover the lower temperature range. However, to have the above data in different formats from that normally found in most NBS reports, namely temperature versus density, may be desirable. For example, interpolations at constant pressure and constant entropy greatly simplify normal shock crossing and isentropic expansion calculations; interpolated speed of sound and specific heat data are also of great value. Hence a project has been undertaken at the AEDC to assemble the above-described data in various formats by interpolating the basic data (NBS format) using the four-point Lagrange interpolation formula described by Lewis and Neel (Ref. 4).

Table I presents these data from 300 to 35,000 °K in varying increments over a density range between a log ρ of -5.0 to a log ρ of 2.4 in increments of 0.2 in log ρ, where density is in amagats. Each set of data is at a constant temperature with density incremented. The dependent parameters are log P, Z, C_p/R, C_v/R, γ, γ_E, and A/AA in that order. Constants for reducing the data to various dimensional units are found in the nomenclature.

REFERENCES

1. Hilsenrath, J., Messina, C. G., and Klein, M. "Tables of Thermodynamic Properties and Chemical Composition of Argon in Chemical Equilibrium Including Second Virial Corrections from 2400°K to 35,000 °K." AEDC-TR-66-248 (AD644081), December 1966.

2. Little, W. J. "Tables of Thermodynamic Properties of Argon from 100 to 3000°K." AEDC-TDR-64-48 (AD442305), April 1964.

3. Din, F. Thermodynamic Functions of Gases, Vol. 2. Butterworths Scientific Publications, London, 1956.

4. Lewis, C. H. and Neel, C. A. "Specific Heat and Speed of Sound Data for Imperfect Air." AEDC-TDR-64-36 (AD600469), May 1964.

TABLE I
THERMODYNAMIC DATA AT CONSTANT TEMPERATURE WITH
SPECIFIC HEAT AND SPEED OF SOUND FOR ARGON

			T=	300			
LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-5.00	-4.9593	1.0000	0.0	1.5000	0.0	0.0	0.0
-4.80	-4.7593	1.0000	0.0	1.5000	0.0	1.6667	1.0480
-4.60	-4.5593	1.0000	2.5000	1.5000	1.6667	1.6667	1.0480
-4.40	-4.3593	1.0000	2.5000	1.5000	1.6667	1.6667	1.0480
-4.20	-4.1593	1.0000	2.5000	1.5000	1.6667	1.6667	1.0480
-4.00	-3.9593	1.0000	2.5000	1.5000	1.6667	1.6667	1.0480
-3.80	-3.7593	1.0000	2.5000	1.5000	1.6667	1.6667	1.0480
-3.60	-3.5593	1.0000	2.5000	1.5000	1.6667	1.6667	1.0480
-3.40	-3.3593	1.0000	2.5000	1.5000	1.6667	1.6667	1.0480
-3.20	-3.1593	1.0000	2.5000	1.5000	1.6667	1.6667	1.0480
-3.00	-2.9593	1.0000	2.5000	1.5000	1.6667	1.6667	1.0480
-2.80	-2.7593	1.0000	2.5000	1.5000	1.6667	1.6667	1.0480
-2.60	-2.5593	1.0000	2.5000	1.5000	1.6667	1.6667	1.0480
-2.40	-2.3593	1.0000	2.5000	1.5000	1.6667	1.6666	1.0480
-2.20	-2.1593	1.0000	2.5000	1.5000	1.6666	1.6667	1.0480
-2.00	-1.9593	1.0000	2.5000	1.5000	1.6667	1.6667	1.0480
-1.80	-1.7593	1.0000	2.5000	1.5000	1.6667	1.6667	1.0480
-1.60	-1.5593	1.0000	2.5001	1.5000	1.6667	1.6668	1.0480
-1.40	-1.3593	1.0000	2.5002	1.5000	1.6668	1.6668	1.0480
-1.20	-1.1593	1.0000	2.5003	1.5000	1.6669	1.6669	1.0480
-1.00	-0.9593	0.9999	2.5004	1.5000	1.6670	1.6669	1.0480
-0.80	-0.7593	0.9999	2.5007	1.5000	1.6672	1.6671	1.0481
-0.60	-0.5594	0.9998	2.5011	1.5000	1.6675	1.6674	1.0481
-0.40	-0.3594	0.9997	2.5017	1.4999	1.6679	1.6678	1.0482
-0.20	-0.1595	0.9996	2.5028	1.4999	1.6687	1.6684	1.0483
0.0	0.0404	0.9993	2.5045	1.4998	1.6699	1.6694	1.0485
0.20	0.2402	0.9989	2.5071	1.4997	1.6718	1.6710	1.0488
0.40	0.4400	0.9982	2.5114	1.4995	1.6748	1.6736	1.0492
0.60	0.6395	0.9972	2.5180	1.4993	1.6795	1.6776	1.0500
0.80	0.8388	0.9956	2.5286	1.4988	1.6871	1.6840	1.0511
1.00	1.0377	0.9930	2.5455	1.4981	1.6991	1.6943	1.0529
1.20	1.2359	0.9890	2.5725	1.4970	1.7184	1.7107	1.0559
1.40	1.4331	0.9825	2.6157	1.4953	1.7493	1.7371	1.0605
1.60	1.6285	0.9723	2.6856	1.4926	1.7993	1.7800	1.0679
1.80	1.8212	0.9561	2.8049	1.4882	1.8847	1.8504	1.0794
2.00	2.0094	0.9304	2.9773	1.4813	2.0099	1.9692	1.0994
2.20	2.1899	0.9504	3.0320	1.4621	2.0737	2.2321	1.1851
2.40	2.3572	0.9855	0.0	1.3478	0.0	0.0	0.0

			T=	400			
LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-5.00	-4.8343	1.0000	0.0	1.5000	0.0	0.0	0.0
-4.80	-4.6343	1.0000	2.5000	1.5000	1.6667	1.6666	1.2101
-4.60	-4.4343	1.0000	2.5000	1.5000	1.6666	1.6667	1.2101
-4.40	-4.2343	1.0000	2.5000	1.5000	1.6667	1.6667	1.2101
-4.20	-4.0343	1.0000	2.5000	1.5000	1.6666	1.6667	1.2101
-4.00	-3.8343	1.0000	2.5000	1.5000	1.6666	1.6667	1.2101
-3.80	-3.6343	1.0000	2.5000	1.5000	1.6667	1.6667	1.2101
-3.60	-3.4343	1.0000	2.5000	1.5000	1.6666	1.6667	1.2101
-3.40	-3.2343	1.0000	2.5000	1.5000	1.6667	1.6667	1.2101
-3.20	-3.0343	1.0000	2.5000	1.5000	1.6666	1.6667	1.2101
-3.00	-2.8343	1.0000	2.5000	1.5000	1.6667	1.6667	1.2101
-2.80	-2.6343	1.0000	2.5000	1.5000	1.6667	1.6667	1.2101
-2.60	-2.4343	1.0000	2.5000	1.5000	1.6666	1.6667	1.2101

T= 400

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-2.40	-2.2343	1.0000	2.5000	1.5000	1.6667	1.6667	1.2101
-2.20	-2.0343	1.0000	2.5000	1.5000	1.6667	1.6667	1.2101
-2.00	-1.8343	1.0000	2.5000	1.5000	1.6667	1.6667	1.2101
-1.80	-1.6343	1.0000	2.5000	1.5000	1.6667	1.6667	1.2101
-1.60	-1.4343	1.0000	2.5001	1.5000	1.6667	1.6667	1.2101
-1.40	-1.2343	1.0000	2.5002	1.5000	1.6668	1.6668	1.2101
-1.20	-1.0343	1.0000	2.5003	1.5000	1.6668	1.6668	1.2101
-1.00	-0.8343	1.0000	2.5004	1.5001	1.6669	1.6669	1.2102
-0.80	-0.6343	1.0000	2.5007	1.5001	1.6670	1.6670	1.2102
-0.60	-0.4343	1.0000	2.5011	1.5002	1.6672	1.6672	1.2103
-0.40	-0.2343	1.0000	2.5018	1.5003	1.6676	1.6675	1.2104
-0.20	-0.0343	1.0000	2.5029	1.5005	1.6681	1.6680	1.2106
0.0	0.1656	1.0000	2.5046	1.5008	1.6689	1.6688	1.2108
0.20	0.3656	0.9999	2.5074	1.5012	1.6703	1.6701	1.2113
0.40	0.5656	0.9999	2.5118	1.5019	1.6724	1.6721	1.2120
0.60	0.7656	0.9999	2.5187	1.5030	1.6758	1.6752	1.2131
0.80	0.9656	0.9998	2.5298	1.5048	1.6811	1.6803	1.2149
1.00	1.1655	0.9996	2.5475	1.5076	1.6898	1.6882	1.2177
1.20	1.3654	0.9994	2.5759	1.5120	1.7036	1.7010	1.2221
1.40	1.5653	0.9991	2.6219	1.5190	1.7260	1.7214	1.2293
1.60	1.7650	0.9986	2.6970	1.5302	1.7625	1.7542	1.2406
1.80	1.9647	0.9978	2.8351	1.5478	1.8316	1.8076	1.2584
2.00	2.1641	0.9964	2.9204	1.5758	1.8533	1.8895	1.2864
2.20	2.3632	1.0459	2.8795	1.5758	1.8274	2.0837	1.3837
2.40	2.5618	1.1270	0.0	1.5381	0.0	0.0	0.0

T= 500

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-5.00	-4.7374	1.0000	0.0	1.5000	0.0	0.0	0.0
-4.80	-4.5374	1.0000	2.5000	1.5000	1.6666	1.6667	1.3529
-4.60	-4.3374	1.0000	2.5000	1.5000	1.6667	1.6667	1.3529
-4.40	-4.1374	1.0000	2.5000	1.5000	1.6667	1.6667	1.3529
-4.20	-3.9374	1.0000	2.5000	1.5000	1.6667	1.6667	1.3529
-4.00	-3.7374	1.0000	2.5000	1.5000	1.6667	1.6667	1.3529
-3.80	-3.5374	1.0000	2.5000	1.5000	1.6666	1.6666	1.3529
-3.60	-3.3374	1.0000	2.5000	1.5000	1.6667	1.6667	1.3529
-3.40	-3.1374	1.0000	2.5000	1.5000	1.6667	1.6667	1.3529
-3.20	-2.9374	1.0000	2.5000	1.5000	1.6667	1.6667	1.3529
-3.00	-2.7374	1.0000	2.5000	1.5000	1.6667	1.6667	1.3529
-2.80	-2.5374	1.0000	2.5000	1.5000	1.6667	1.6666	1.3529
-2.60	-2.3374	1.0000	2.5000	1.5000	1.6667	1.6667	1.3529
-2.40	-2.1374	1.0000	2.5000	1.5000	1.6667	1.6667	1.3529
-2.20	-1.9374	1.0000	2.5000	1.5000	1.6667	1.6666	1.3529
-2.00	-1.7374	1.0000	2.5000	1.5000	1.6667	1.6667	1.3529
-1.80	-1.5374	1.0000	2.5000	1.5000	1.6667	1.6667	1.3530
-1.60	-1.3374	1.0000	2.5001	1.5000	1.6667	1.6667	1.3530
-1.40	-1.1374	1.0000	2.5001	1.5000	1.6667	1.6667	1.3530
-1.20	-0.9374	1.0000	2.5002	1.5000	1.6668	1.6668	1.3530
-1.00	-0.7374	1.0000	2.5003	1.5001	1.6668	1.6669	1.3530
-0.80	-0.5374	1.0000	2.5005	1.5001	1.6669	1.6670	1.3531
-0.60	-0.3374	1.0001	2.5009	1.5001	1.6671	1.6672	1.3532
-0.40	-0.1374	1.0001	2.5014	1.5002	1.6673	1.6675	1.3534
-0.20	0.0627	1.0002	2.5021	1.5003	1.6677	1.6680	1.3536
0.0	0.2627	1.0003	2.5034	1.5005	1.6683	1.6688	1.3540

			T=	500			
LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
0.20	0.4628	1.0005	2.5054	1.5008	1.6693	1.6701	1.3547
0.40	0.6629	1.0008	2.5086	1.5013	1.6709	1.6721	1.3557
0.60	0.8631	1.0013	2.5136	1.5021	1.6734	1.6753	1.3573
0.80	1.0635	1.0021	2.5216	1.5034	1.6773	1.6804	1.3599
1.00	1.2640	1.0033	2.5342	1.5053	1.6835	1.6885	1.3640
1.20	1.4648	1.0052	2.5544	1.5084	1.6935	1.7012	1.3704
1.40	1.6661	1.0082	2.5867	1.5133	1.7093	1.7215	1.3806
1.60	1.8682	1.0130	2.6382	1.5211	1.7344	1.7538	1.3968
1.80	2.0714	1.0206	2.7330	1.5335	1.7823	1.8031	1.4215
2.00	2.2765	1.0327	2.7773	1.5530	1.7884	1.9022	1.4692
2.20	2.4845	1.0829	2.8813	1.5371	1.8745	2.0752	1.5710
2.40	2.7275	1.1612	0.0	1.5848	0.0	0.0	0.0

			T=	600			
LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-5.00	-4.6582	1.0000	0.0	1.5000	0.0	0.0	0.0
-4.80	-4.4582	1.0000	2.5000	1.5000	1.6667	1.6667	1.4821
-4.60	-4.2582	1.0000	2.5000	1.5000	1.6667	1.6667	1.4821
-4.40	-4.0582	1.0000	2.5000	1.5000	1.6667	1.6667	1.4821
-4.20	-3.8582	1.0000	2.5000	1.5000	1.6667	1.6667	1.4821
-4.00	-3.6582	1.0000	2.5000	1.5000	1.6667	1.6667	1.4821
-3.80	-3.4582	1.0000	2.5001	1.5000	1.6667	1.6665	1.4821
-3.60	-3.2582	1.0000	2.5000	1.5000	1.6667	1.6567	1.4821
-3.40	-3.0582	1.0000	2.5000	1.5000	1.6667	1.6667	1.4821
-3.20	-2.8582	1.0000	2.5000	1.5000	1.6667	1.6667	1.4821
-3.00	-2.6582	1.0000	2.5000	1.5000	1.6667	1.6667	1.4821
-2.80	-2.4582	1.0000	2.5001	1.5000	1.6667	1.6667	1.4821
-2.60	-2.2582	1.0000	2.5000	1.5000	1.6666	1.6667	1.4821
-2.40	-2.0582	1.0000	2.5000	1.5000	1.6666	1.6667	1.4821
-2.20	-1.8582	1.0000	2.5000	1.5000	1.6667	1.6667	1.4821
-2.00	-1.6582	1.0000	2.5000	1.5000	1.6667	1.6667	1.4821
-1.80	-1.4582	1.0000	2.5001	1.5000	1.6667	1.6667	1.4821
-1.60	-1.2582	1.0000	2.5000	1.5000	1.6667	1.6667	1.4821
-1.40	-1.0582	1.0000	2.5001	1.5000	1.6667	1.6668	1.4821
-1.20	-0.8582	1.0000	2.5002	1.5000	1.6668	1.6668	1.4822
-1.00	-0.6582	1.0001	2.5003	1.5000	1.6668	1.6669	1.4822
-0.80	-0.4582	1.0001	2.5004	1.5001	1.6669	1.6670	1.4823
-0.60	-0.2582	1.0001	2.5007	1.5001	1.6670	1.6672	1.4824
-0.40	-0.0581	1.0002	2.5011	1.5001	1.6672	1.6675	1.4826
-0.20	0.1419	1.0003	2.5017	1.5003	1.6675	1.6680	1.4829
0.0	0.3420	1.0005	2.5027	1.5004	1.6680	1.6688	1.4834
0.20	0.5421	1.0009	2.5042	1.5006	1.6688	1.6702	1.4843
0.40	0.7423	1.0014	2.5067	1.5010	1.6701	1.6722	1.4855
0.60	0.9427	1.0022	2.5107	1.5016	1.6721	1.6754	1.4876
0.80	1.1433	1.0035	2.5170	1.5024	1.6752	1.6805	1.4908
1.00	1.3441	1.0055	2.5270	1.5039	1.6803	1.6885	1.4959
1.20	1.5455	1.0088	2.5429	1.5062	1.6882	1.7013	1.5039
1.40	1.7477	1.0139	2.5682	1.5098	1.7010	1.7214	1.5166
1.60	1.9512	1.0220	2.6088	1.5155	1.7214	1.7531	1.5367
1.80	2.1566	1.0349	2.6740	1.5247	1.7538	1.8022	1.5677
2.00	2.3651	1.0553	2.7476	1.5391	1.7852	1.8854	1.6194
2.20	2.5865	1.1035	2.7866	1.5688	1.7762	2.0349	1.7203
2.40	2.8149	1.1835	0.0	1.5818	0.0	0.0	0.0

			T=	700				
LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-5.00	-4.5913	1.0000	0.0	1.5000	0.0	0.0	0.0
-4.80	-4.3913	1.0000	2.5000	1.5000	1.6666	1.6667	1.6008
-4.60	-4.1913	1.0000	2.5000	1.5000	1.6667	1.6667	1.6008
-4.40	-3.9913	1.0000	2.5000	1.5000	1.6667	1.6667	1.6008
-4.20	-3.7913	1.0000	2.5000	1.5000	1.6667	1.6667	1.6008
-4.00	-3.5913	1.0000	2.5000	1.5000	1.6667	1.6567	1.6008
-3.80	-3.3913	1.0000	2.5000	1.5000	1.6667	1.6667	1.6008
-3.60	-3.1913	1.0000	2.5000	1.5000	1.6667	1.6667	1.6008
-3.40	-2.9913	1.0000	2.5000	1.5000	1.6667	1.6667	1.6008
-3.20	-2.7913	1.0000	2.5000	1.5000	1.6667	1.6667	1.6008
-3.00	-2.5913	1.0000	2.5000	1.5000	1.6667	1.6666	1.6008
-2.80	-2.3913	1.0000	2.5000	1.5000	1.6666	1.6666	1.6008
-2.60	-2.1913	1.0000	2.5000	1.5000	1.6666	1.6667	1.6008
-2.40	-1.9913	1.0000	2.5000	1.5000	1.6667	1.6667	1.6008
-2.20	-1.7913	1.0000	2.5000	1.5000	1.6666	1.6667	1.6008
-2.00	-1.5913	1.0000	2.5000	1.5000	1.6667	1.6667	1.6008
-1.80	-1.3913	1.0000	2.5000	1.5000	1.6666	1.6667	1.6008
-1.60	-1.1913	1.0000	2.5001	1.5000	1.6667	1.6667	1.6008
-1.40	-0.9913	1.0000	2.5000	1.5000	1.6667	1.6667	1.6009
-1.20	-0.7913	1.0000	2.5002	1.5000	1.6668	1.6668	1.6009
-1.00	-0.5913	1.0001	2.5002	1.5000	1.6668	1.6669	1.6010
-0.80	-0.3912	1.0001	2.5003	1.5000	1.6669	1.6670	1.6011
-0.60	-0.1912	1.0002	2.5005	1.5001	1.6669	1.6672	1.6012
-0.40	0.0088	1.0003	2.5008	1.5002	1.6670	1.6675	1.6014
-0.20	0.2089	1.0004	2.5014	1.5002	1.6673	1.6680	1.6018
0.0	0.4090	1.0007	2.5022	1.5004	1.6677	1.6689	1.6024
0.20	0.6092	1.0011	2.5034	1.5006	1.6683	1.6701	1.6034
0.40	0.8095	1.0018	2.5055	1.5009	1.6693	1.6722	1.6049
0.60	1.0099	1.0028	2.5086	1.5014	1.6709	1.6753	1.6072
0.80	1.2106	1.0044	2.5136	1.5022	1.6732	1.6804	1.6110
1.00	1.4117	1.0071	2.5217	1.5035	1.6772	1.6885	1.6169
1.20	1.6135	1.0112	2.5344	1.5056	1.6834	1.7011	1.6263
1.40	1.8163	1.0177	2.5545	1.5089	1.6930	1.7211	1.6411
1.60	2.0207	1.0281	2.5868	1.5140	1.7086	1.7524	1.6644
1.80	2.2276	1.0445	2.6450	1.5221	1.7377	1.8007	1.7006
2.00	2.4383	1.0706	2.6431	1.5351	1.7218	1.8805	1.7594
2.20	2.6576	1.1192	2.6562	1.5430	1.7215	1.9749	1.8435
2.40	2.8882	1.2013	0.0	1.5599	0.0	0.0	0.0

			T=	800				
LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-5.00	-4.5333	1.0000	0.0	1.5000	0.0	0.0	0.0
-4.80	-4.3333	1.0000	2.5000	1.5000	1.6667	1.6665	1.7113
-4.60	-4.1333	1.0000	2.4999	1.5000	1.6656	1.6666	1.7113
-4.40	-3.9333	1.0000	2.5000	1.5000	1.6666	1.6667	1.7113
-4.20	-3.7333	1.0000	2.5000	1.5000	1.6667	1.6666	1.7113
-4.00	-3.5333	1.0000	2.5000	1.5000	1.6667	1.6667	1.7113
-3.80	-3.3333	1.0000	2.5000	1.5000	1.6667	1.6666	1.7113
-3.60	-3.1333	1.0000	2.5000	1.5000	1.6667	1.6667	1.7113
-3.40	-2.9333	1.0000	2.5000	1.5000	1.6666	1.6665	1.7113
-3.20	-2.7333	1.0000	2.5000	1.5000	1.6667	1.6665	1.7113
-3.00	-2.5333	1.0000	2.5000	1.5000	1.6667	1.6666	1.7113
-2.80	-2.3333	1.0000	2.5001	1.5000	1.6667	1.6666	1.7113
-2.60	-2.1333	1.0000	2.5000	1.5000	1.6667	1.6666	1.7113

4

T= 800

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-2.40	-1.9333	1.0000	2.4999	1.5000	1.6666	1.6666	1.7113
-2.20	-1.7333	1.0000	2.5000	1.5001	1.6666	1.6666	1.7113
-2.00	-1.5333	1.0000	2.4999	1.5000	1.6666	1.6667	1.7114
-1.80	-1.3333	1.0000	2.5000	1.5000	1.6667	1.6667	1.7114
-1.60	-1.1333	1.0000	2.5001	1.4999	1.6668	1.6668	1.7114
-1.40	-0.9333	1.0000	2.5001	1.5000	1.6667	1.6668	1.7114
-1.20	-0.7333	1.0000	2.5001	1.5000	1.6667	1.6668	1.7114
-1.00	-0.5333	1.0001	2.5002	1.5001	1.6667	1.6668	1.7115
-0.80	-0.3333	1.0001	2.5002	1.5001	1.6668	1.6670	1.7116
-0.60	-0.1332	1.0002	2.5005	1.5000	1.6670	1.6672	1.7118
-0.40	0.0668	1.0003	2.5007	1.5001	1.6670	1.6675	1.7121
-0.20	0.2669	1.0005	2.5011	1.5002	1.6672	1.6680	1.7125
0.0	0.4670	1.0008	2.5017	1.5003	1.6675	1.6689	1.7132
0.20	0.6672	1.0013	2.5029	1.5005	1.6681	1.6702	1.7142
0.40	0.8676	1.0020	2.5045	1.5008	1.6689	1.6722	1.7159
0.60	1.0681	1.0032	2.5072	1.5013	1.6700	1.6754	1.7186
0.80	1.2689	1.0051	2.5115	1.5020	1.6721	1.6804	1.7228
1.00	1.4702	1.0081	2.5190	1.5033	1.6750	1.6884	1.7294
1.20	1.6723	1.0129	2.5288	1.5051	1.6801	1.7009	1.7400
1.40	1.8755	1.0205	2.5459	1.5082	1.6881	1.7207	1.7565
1.60	2.0805	1.0324	2.5728	1.5130	1.7005	1.7516	1.7826
1.80	2.2884	1.0514	2.6133	1.5207	1.7185	1.7993	1.8232
2.00	2.5007	1.0814	2.7081	1.5327	1.7669	1.8734	1.8868
2.20	2.7205	1.1320	2.7655	1.5325	1.8046	1.9727	1.9809
2.40	2.9517	1.2161	0.0	1.5456	0.0	0.0	0.0

T= 900

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-5.00	-4.4822	1.0000	0.0	1.5000	0.0	0.0	0.0
-4.80	-4.2822	1.0000	2.5000	1.5000	1.6666	1.6731	1.8187
-4.60	-4.0822	1.0000	2.4999	1.5000	1.6666	1.6734	1.8188
-4.40	-3.8822	1.0000	2.4999	1.5000	1.6666	1.6734	1.8188
-4.20	-3.6822	1.0000	2.5000	1.5000	1.6666	1.6733	1.8187
-4.00	-3.4822	1.0000	2.5000	1.5000	1.6667	1.6733	1.8187
-3.80	-3.2822	1.0000	2.4999	1.5000	1.6666	1.6733	1.8188
-3.60	-3.0822	1.0000	2.5000	1.5000	1.6667	1.6734	1.8188
-3.40	-2.8822	1.0000	2.5000	1.5000	1.6667	1.6734	1.8188
-3.20	-2.6822	1.0000	2.5000	1.5000	1.6666	1.6733	1.8188
-3.00	-2.4822	1.0000	2.5000	1.5000	1.6667	1.6733	1.8188
-2.80	-2.2822	1.0000	2.4999	1.5000	1.6666	1.6733	1.8188
-2.60	-2.0822	1.0000	2.5000	1.5000	1.6667	1.6733	1.8188
-2.40	-1.8822	1.0000	2.5000	1.5000	1.6667	1.6734	1.8188
-2.20	-1.6822	1.0000	2.5000	1.5000	1.6667	1.6733	1.8188
-2.00	-1.4821	1.0000	2.5000	1.5000	1.6666	1.6733	1.8188
-1.80	-1.2821	1.0000	2.5000	1.5000	1.6666	1.6733	1.8188
-1.60	-1.0821	1.0000	2.5000	1.5001	1.6666	1.6734	1.8188
-1.40	-0.8821	1.0000	2.5000	1.5001	1.6665	1.6733	1.8188
-1.20	-0.6821	1.0001	2.5000	1.5002	1.6664	1.6733	1.8188
-1.00	-0.4821	1.0001	2.4999	1.4997	1.6669	1.6734	1.8189
-0.80	-0.2821	1.0001	2.5003	1.5000	1.6668	1.6739	1.8192
-0.60	-0.0821	1.0002	2.5004	1.5003	1.6666	1.6740	1.8193
-0.40	0.1180	1.0004	2.5007	1.5002	1.6669	1.6745	1.8197
-0.20	0.3181	1.0006	2.5012	1.5004	1.6670	1.6749	1.8201
0.0	0.5182	1.0009	2.5015	1.5005	1.6671	1.6755	1.8208

5

T= 900

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
0.20	0.7185	1.0014	2.5026	1.5007	1.6676	1.6769	1.8220
0.40	0.9188	1.0022	2.5041	1.5010	1.6683	1.6784	1.8236
0.60	1.1194	1.0036	2.5063	1.5013	1.6694	1.6818	1.8266
0.80	1.3203	1.0056	2.5099	1.5022	1.6708	1.6870	1.8313
1.00	1.5217	1.0089	2.5159	1.5031	1.6738	1.6949	1.8386
1.20	1.7239	1.0142	2.5247	1.5050	1.6776	1.7077	1.8504
1.40	1.9275	1.0225	2.5393	1.5079	1.6840	1.7280	1.8689
1.60	2.1330	1.0356	2.5624	1.5125	1.6942	1.7597	1.8981
1.80	2.3417	1.0564	2.5984	1.5194	1.7101	1.8098	1.9441
2.00	2.5550	1.0894	2.6534	1.5313	1.7327	1.8897	2.0174
2.20	2.7756	1.1428	2.7351	1.5544	1.7596	2.0090	2.1304
2.40	3.0073	1.2288	0.0	1.5324	0.0	0.0	0.0

T= 1000

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-5.00	-4.4360	1.0000	0.0	1.5000	0.0	0.0	0.0
-4.80	-4.2360	1.0000	2.5000	1.5000	1.6667	1.6720	1.9164
-4.60	-4.0360	1.0000	2.5001	1.5000	1.6667	1.6719	1.9164
-4.40	-3.8360	1.0000	2.5001	1.5000	1.6667	1.6719	1.9163
-4.20	-3.6360	1.0000	2.5000	1.5000	1.6667	1.6719	1.9163
-4.00	-3.4360	1.0000	2.5000	1.5000	1.6667	1.6719	1.9163
-3.80	-3.2360	1.0000	2.5000	1.5000	1.6667	1.6720	1.9164
-3.60	-3.0360	1.0000	2.5000	1.5000	1.6667	1.6720	1.9164
-3.40	-2.8360	1.0000	2.5001	1.5000	1.6667	1.6719	1.9164
-3.20	-2.6360	1.0000	2.4999	1.5000	1.6666	1.6719	1.9163
-3.00	-2.4360	1.0000	2.4999	1.5000	1.6666	1.6719	1.9163
-2.80	-2.2360	1.0000	2.4999	1.5000	1.6666	1.6720	1.9164
-2.60	-2.0360	1.0000	2.5000	1.5000	1.6667	1.6720	1.9164
-2.40	-1.8360	1.0000	2.4999	1.5000	1.6666	1.6720	1.9164
-2.20	-1.6360	1.0000	2.4999	1.5000	1.6666	1.6719	1.9164
-2.00	-1.4360	1.0000	2.5000	1.5001	1.6665	1.6720	1.9164
-1.80	-1.2360	1.0000	2.5000	1.5001	1.6665	1.6720	1.9164
-1.60	-1.0360	1.0000	2.4998	1.5002	1.6663	1.6719	1.9164
-1.40	-0.8360	1.0000	2.4999	1.5001	1.6664	1.6719	1.9164
-1.20	-0.6360	1.0001	2.4998	1.5003	1.6662	1.6719	1.9164
-1.00	-0.4360	1.0001	2.5000	1.4998	1.6669	1.6717	1.9163
-0.80	-0.2359	1.0001	2.5005	1.4998	1.6672	1.6721	1.9166
-0.60	-0.0359	1.0002	2.5003	1.5004	1.6665	1.6726	1.9170
-0.40	0.1642	1.0004	2.5009	1.5001	1.6672	1.6730	1.9173
-0.20	0.3643	1.0006	2.5012	1.5005	1.6669	1.6733	1.9177
0.0	0.5644	1.0010	2.5012	1.5005	1.6670	1.6741	1.9185
0.20	0.7647	1.0015	2.5022	1.5009	1.6671	1.6755	1.9198
0.40	0.9650	1.0024	2.5036	1.5010	1.6680	1.6776	1.9219
0.60	1.1656	1.0038	2.5055	1.5012	1.6690	1.6810	1.9252
0.80	1.3666	1.0060	2.5089	1.5022	1.6701	1.6865	1.9304
1.00	1.5681	1.0096	2.5142	1.5031	1.6727	1.6950	1.9387
1.20	1.7705	1.0151	2.5215	1.5049	1.6755	1.7084	1.9518
1.40	1.9743	1.0240	2.5345	1.5077	1.6810	1.7295	1.9723
1.60	2.1802	1.0381	2.5547	1.5120	1.6896	1.7628	2.0048
1.80	2.3894	1.0603	2.5872	1.5188	1.7034	1.8147	2.0558
2.00	2.6036	1.0956	2.6382	1.5304	1.7238	1.8960	2.1361
2.20	2.8253	1.1515	2.7074	1.5463	1.7509	2.0220	2.2615
2.40	3.0575	1.2401	0.0	1.5344	0.0	0.0	0.0

T= 1200

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-5.00	-4.3568	1.0000	0.0	1.5000	0.0	0.0	0.0
-4.80	-4.1568	1.0000	2.5000	1.5000	1.6666	1.6666	2.0959
-4.60	-3.9568	1.0000	2.5000	1.5000	1.6667	1.6666	2.0959
-4.40	-3.7568	1.0000	2.5000	1.5000	1.6667	1.6665	2.0959
-4.20	-3.5568	1.0000	2.5000	1.5000	1.6667	1.6665	2.0959
-4.00	-3.3568	1.0000	2.5000	1.5000	1.6667	1.6665	2.0959
-3.80	-3.1568	1.0000	2.5000	1.5000	1.6666	1.6666	2.0959
-3.60	-2.9568	1.0000	2.5000	1.5000	1.6667	1.6666	2.0959
-3.40	-2.7568	1.0000	2.5000	1.5000	1.6667	1.6665	2.0959
-3.20	-2.5568	1.0000	2.5000	1.5000	1.6667	1.6665	2.0959
-3.00	-2.3568	1.0000	2.5000	1.5000	1.6667	1.6665	2.0959
-2.80	-2.1568	1.0000	2.5000	1.5000	1.6666	1.6665	2.0959
-2.60	-1.9568	1.0000	2.5000	1.5000	1.6667	1.6666	2.0959
-2.40	-1.7568	1.0000	2.5000	1.5000	1.6667	1.6666	2.0959
-2.20	-1.5568	1.0000	2.5000	1.5000	1.6667	1.6665	2.0959
-2.00	-1.3568	1.0000	2.5000	1.5000	1.6667	1.6665	2.0959
-1.80	-1.1568	1.0000	2.5000	1.5000	1.6667	1.6666	2.0959
-1.60	-0.9568	1.0000	2.5001	1.5000	1.6668	1.6666	2.0959
-1.40	-0.7568	1.0000	2.5001	1.5000	1.6668	1.6667	2.0960
-1.20	-0.5568	1.0001	2.4999	1.4999	1.6667	1.6670	2.0962
-1.00	-0.3568	1.0001	2.5001	1.5005	1.6662	1.6671	2.0963
-0.80	-0.1568	1.0002	2.5000	1.5003	1.6663	1.6669	2.0963
-0.60	0.0433	1.0003	2.5003	1.4998	1.6671	1.6669	2.0964
-0.40	0.2434	1.0004	2.5002	1.5001	1.6667	1.6674	2.0968
-0.20	0.4435	1.0007	2.5007	1.5001	1.6671	1.6677	2.0973
0.0	0.6436	1.0010	2.5011	1.5002	1.6671	1.6687	2.0983
0.20	0.8439	1.0016	2.5016	1.5000	1.6678	1.6701	2.0998
0.40	1.0443	1.0026	2.5026	1.5009	1.6674	1.6718	2.1019
0.60	1.2450	1.0041	2.5045	1.5008	1.6687	1.6752	2.1057
0.80	1.4460	1.0066	2.5063	1.5012	1.6695	1.6799	2.1111
1.00	1.6477	1.0104	2.5109	1.5027	1.6709	1.6875	2.1200
1.20	1.8503	1.0165	2.5173	1.5045	1.6731	1.7000	2.1342
1.40	2.0544	1.0261	2.5272	1.5067	1.6772	1.7189	2.1561
1.60	2.2608	1.0414	2.5437	1.5114	1.6831	1.7487	2.1909
1.80	2.4708	1.0656	2.5689	1.5184	1.6918	1.7953	2.2455
2.00	2.6861	1.1040	2.6100	1.5284	1.7077	1.8667	2.3306
2.20	2.9094	1.1648	2.6847	1.5453	1.7373	1.9735	2.4615
2.40	3.1440	1.2612	0.0	1.5841	0.0	0.0	0.0

T= 1400

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-5.00	-4.2899	1.0000	0.0	1.5000	0.0	0.0	0.0
-4.80	-4.0899	1.0000	2.4999	1.5000	1.6666	1.6665	2.2638
-4.60	-3.8899	1.0000	2.5000	1.5000	1.6667	1.6666	2.2639
-4.40	-3.6899	1.0000	2.5000	1.5000	1.6667	1.6667	2.2639
-4.20	-3.4899	1.0000	2.5000	1.5000	1.6667	1.6666	2.2638
-4.00	-3.2899	1.0000	2.5000	1.5000	1.6667	1.6666	2.2639
-3.80	-3.0899	1.0000	2.5000	1.5000	1.6667	1.6666	2.2638
-3.60	-2.8899	1.0000	2.5001	1.5000	1.6667	1.6666	2.2639
-3.40	-2.6899	1.0000	2.5000	1.5000	1.6667	1.6666	2.2638
-3.20	-2.4899	1.0000	2.5000	1.5000	1.6667	1.6666	2.2638
-3.00	-2.2899	1.0000	2.5000	1.5000	1.6667	1.6666	2.2639
-2.80	-2.0899	1.0000	2.5000	1.5000	1.6667	1.6667	2.2639
-2.60	-1.8899	1.0000	2.5001	1.5000	1.6667	1.6667	2.2639

T= 1400

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-2.40	-1.6899	1.0000	2.5000	1.5000	1.6667	1.6666	2.2638
-2.20	-1.4899	1.0000	2.5001	1.5000	1.6667	1.6666	2.2639
-2.00	-1.2899	1.0000	2.4999	1.5000	1.6666	1.6666	2.2639
-1.80	-1.0899	1.0000	2.5001	1.5000	1.6667	1.6665	2.2638
-1.60	-0.8899	1.0000	2.5001	1.5000	1.6667	1.6666	2.2639
-1.40	-0.6899	1.0000	2.5000	1.5000	1.6667	1.6666	2.2639
-1.20	-0.4898	1.0001	2.5009	1.5000	1.6673	1.6665	2.2639
-1.00	-0.2898	1.0001	2.5001	1.4999	1.6669	1.6668	2.2641
-0.80	-0.0898	1.0002	2.5000	1.5003	1.6664	1.6676	2.2647
-0.60	0.1102	1.0003	2.4999	1.4999	1.6667	1.6674	2.2647
-0.40	0.3103	1.0004	2.4999	1.5002	1.6664	1.6674	2.2649
-0.20	0.5104	1.0007	2.5000	1.4995	1.6673	1.6676	2.2653
0.0	0.7106	1.0011	2.5016	1.4997	1.6681	1.6688	2.2666
0.20	0.9109	1.0017	2.5010	1.5009	1.6663	1.6702	2.2682
0.40	1.1113	1.0027	2.5018	1.4998	1.6681	1.6715	2.2703
0.60	1.3120	1.0043	2.5031	1.5018	1.6667	1.6745	2.2741
0.80	1.5131	1.0069	2.5060	1.5025	1.6679	1.6790	2.2801
1.00	1.7148	1.0109	2.5081	1.5028	1.6689	1.6865	2.2897
1.20	1.9176	1.0173	2.5141	1.5043	1.6712	1.6979	2.3047
1.40	2.1219	1.0274	2.5218	1.5075	1.6729	1.7160	2.3284
1.60	2.3286	1.0435	2.5358	1.5112	1.6781	1.7438	2.3655
1.80	2.5391	1.0689	2.5571	1.5174	1.6852	1.7873	2.4239
2.00	2.7552	1.1093	2.5920	1.5275	1.6969	1.8554	2.5158
2.20	2.9795	1.1732	2.6458	1.5444	1.7131	1.9571	2.6572
2.40	3.2155	1.2745	0.0	1.5679	0.0	0.0	0.0

T= 1500

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-5.00	-4.2599	1.0000	0.0	1.5000	0.0	0.0	0.0
-4.80	-4.0599	1.0000	2.5001	1.5000	1.6667	1.6668	2.3434
-4.60	-3.8599	1.0000	2.5000	1.5000	1.6667	1.6667	2.3434
-4.40	-3.6599	1.0000	2.5000	1.5000	1.6667	1.6667	2.3434
-4.20	-3.4599	1.0000	2.5000	1.5000	1.6666	1.6667	2.3434
-4.00	-3.2599	1.0000	2.5001	1.5000	1.6667	1.6667	2.3434
-3.80	-3.0599	1.0000	2.5000	1.5000	1.6667	1.6668	2.3434
-3.60	-2.8599	1.0000	2.5000	1.5000	1.6666	1.6668	2.3434
-3.40	-2.6599	1.0000	2.5000	1.5000	1.6667	1.6666	2.3433
-3.20	-2.4599	1.0000	2.4999	1.5000	1.6666	1.6668	2.3434
-3.00	-2.2599	1.0000	2.5001	1.5000	1.6667	1.6667	2.3434
-2.80	-2.0599	1.0000	2.5000	1.5000	1.6667	1.6666	2.3433
-2.60	-1.8599	1.0000	2.5000	1.5000	1.6666	1.6668	2.3435
-2.40	-1.6599	1.0000	2.5000	1.5000	1.6667	1.6668	2.3434
-2.20	-1.4599	1.0000	2.4999	1.5000	1.6666	1.6668	2.3434
-2.00	-1.2599	1.0000	2.5000	1.5000	1.6667	1.6667	2.3434
-1.80	-1.0599	1.0000	2.5001	1.5000	1.6667	1.6668	2.3434
-1.60	-0.8599	1.0000	2.4999	1.5000	1.6666	1.6667	2.3434
-1.40	-0.6599	1.0000	2.5000	1.5000	1.6667	1.6668	2.3435
-1.20	-0.4599	1.0001	2.5008	1.5000	1.6672	1.6661	2.3430
-1.00	-0.2599	1.0001	2.5000	1.5000	1.6666	1.6669	2.3436
-0.80	-0.0598	1.0002	2.4999	1.4999	1.6667	1.6569	2.3437
-0.60	0.1402	1.0003	2.4999	1.4998	1.6668	1.6676	2.3443
-0.40	0.3403	1.0004	2.5008	1.4998	1.6674	1.6677	2.3446
-0.20	0.5404	1.0007	2.5008	1.5007	1.6664	1.6680	2.3451
0.0	0.7406	1.0011	2.5006	1.5005	1.6665	1.6689	2.3462

T= 1500

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
0.20	0.9409	1.0018	2.5006	1.5004	1.6667	1.6695	2.3474
0.40	1.1413	1.0028	2.5022	1.4998	1.6683	1.6716	2.3501
0.60	1.3420	1.0044	2.5031	1.5013	1.6673	1.6756	2.3548
0.80	1.5431	1.0070	2.5052	1.5022	1.6677	1.6799	2.3609
1.00	1.7449	1.0111	2.5075	1.5026	1.6687	1.6879	2.3713
1.20	1.9477	1.0176	2.5129	1.5041	1.6707	1.6989	2.3866
1.40	2.1521	1.0279	2.5208	1.5070	1.6727	1.7173	2.4117
1.60	2.3589	1.0443	2.5325	1.5105	1.6766	1.7477	2.4522
1.80	2.5695	1.0702	2.5527	1.5174	1.6823	1.7926	2.5141
2.00	2.7859	1.1112	2.5854	1.5271	1.6930	1.8608	2.6101
2.20	3.0106	1.1762	2.6394	1.5435	1.7100	1.9642	2.7590
2.40	3.2471	1.2793	0.0	1.5688	0.0	0.0	0.0

T= 1600

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-5.00	-4.2319	1.0000	0.0	1.5000	0.0	0.0	0.0
-4.80	-4.0319	1.0000	2.5000	1.5000	1.6667	1.6668	2.4203
-4.60	-3.8319	1.0000	2.5000	1.5000	1.6667	1.6667	2.4202
-4.40	-3.6319	1.0000	2.5000	1.5000	1.6667	1.6667	2.4202
-4.20	-3.4319	1.0000	2.5001	1.5000	1.6667	1.6669	2.4204
-4.00	-3.2319	1.0000	2.5000	1.5000	1.6667	1.6670	2.4205
-3.80	-3.0319	1.0000	2.5000	1.5000	1.6667	1.6670	2.4204
-3.60	-2.8319	1.0000	2.5000	1.5000	1.6667	1.6668	2.4203
-3.40	-2.6319	1.0000	2.5001	1.5000	1.6667	1.6667	2.4203
-3.20	-2.4319	1.0000	2.5000	1.5000	1.6666	1.6667	2.4202
-3.00	-2.2319	1.0000	2.5000	1.5000	1.6666	1.6669	2.4204
-2.80	-2.0319	1.0000	2.5000	1.5000	1.6667	1.6670	2.4205
-2.60	-1.8319	1.0000	2.5000	1.5000	1.6667	1.6667	2.4203
-2.40	-1.6319	1.0000	2.5001	1.5000	1.6667	1.6668	2.4203
-2.20	-1.4319	1.0000	2.4999	1.5000	1.6666	1.6668	2.4203
-2.00	-1.2319	1.0000	2.5000	1.5000	1.6667	1.6668	2.4203
-1.80	-1.0319	1.0000	2.5000	1.5000	1.6666	1.6670	2.4205
-1.60	-0.8319	1.0000	2.5000	1.5000	1.6666	1.6668	2.4203
-1.40	-0.6319	1.0000	2.4998	1.5000	1.6666	1.6668	2.4204
-1.20	-0.4319	1.0001	2.4997	1.5000	1.6665	1.6670	2.4205
-1.00	-0.2318	1.0001	2.5000	1.5000	1.6667	1.6669	2.4205
-0.80	-0.0318	1.0002	2.5002	1.5000	1.6668	1.6666	2.4203
-0.60	0.1682	1.0003	2.4999	1.5002	1.6664	1.6674	2.4211
-0.40	0.3683	1.0004	2.5013	1.4999	1.6676	1.6676	2.4214
-0.20	0.5684	1.0007	2.5010	1.5012	1.6660	1.6681	2.4221
0.0	0.7686	1.0011	2.5001	1.5011	1.6655	1.6690	2.4232
0.20	0.9689	1.0018	2.5018	1.4996	1.6683	1.6696	2.4245
0.40	1.1693	1.0028	2.5029	1.5014	1.6670	1.6720	2.4275
0.60	1.3701	1.0045	2.5029	1.5004	1.6681	1.6755	2.4320
0.80	1.5712	1.0071	2.5043	1.5012	1.6681	1.6801	2.4385
1.00	1.7730	1.0113	2.5077	1.5024	1.6692	1.6875	2.4489
1.20	1.9758	1.0179	2.5120	1.5040	1.6702	1.6996	2.4657
1.40	2.1802	1.0283	2.5195	1.5063	1.6727	1.7187	2.4922
1.60	2.3872	1.0449	2.5294	1.5106	1.6744	1.7489	2.5342
1.80	2.5980	1.0711	2.5488	1.5170	1.6802	1.7959	2.6001
2.00	2.8145	1.1128	2.5791	1.5269	1.6891	1.8660	2.7014
2.20	3.0395	1.1787	2.6298	1.5420	1.7055	1.9689	2.8559
2.40	3.2764	1.2832	0.0	1.5676	0.0	0.0	0.0

T= 1800

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-5.00	-4.1807	1.0000	0.0	1.5000	0.0	0.0	0.0
-4.80	-3.9807	1.0000	2.4999	1.5000	1.6666	1.6665	2.5669
-4.60	-3.7807	1.0000	2.5000	1.5000	1.6666	1.6665	2.5669
-4.40	-3.5807	1.0000	2.5000	1.5000	1.6667	1.6665	2.5670
-4.20	-3.3807	1.0000	2.4999	1.5000	1.6666	1.6666	2.5670
-4.00	-3.1807	1.0000	2.5000	1.5000	1.6666	1.6666	2.5670
-3.80	-2.9807	1.0000	2.5000	1.5000	1.6666	1.6665	2.5670
-3.60	-2.7807	1.0000	2.5000	1.5000	1.6666	1.6664	2.5668
-3.40	-2.5807	1.0000	2.4999	1.5000	1.6666	1.6665	2.5669
-3.20	-2.3807	1.0000	2.5000	1.5000	1.6666	1.6666	2.5670
-3.00	-2.1807	1.0000	2.5000	1.5000	1.6667	1.6666	2.5669
-2.80	-1.9807	1.0000	2.5000	1.5000	1.6666	1.6666	2.5669
-2.60	-1.7807	1.0000	2.5000	1.5000	1.6666	1.6666	2.5670
-2.40	-1.5807	1.0000	2.4999	1.5000	1.6666	1.6665	2.5669
-2.20	-1.3807	1.0000	2.5000	1.5000	1.6666	1.6665	2.5669
-2.00	-1.1807	1.0000	2.5000	1.5000	1.6666	1.6666	2.5670
-1.80	-0.9807	1.0000	2.5000	1.5000	1.6666	1.6666	2.5670
-1.60	-0.7807	1.0000	2.5000	1.5000	1.6666	1.6665	2.5669
-1.40	-0.5807	1.0000	2.4998	1.5000	1.6666	1.6668	2.5672
-1.20	-0.3807	1.0001	2.4999	1.5000	1.6666	1.6675	2.5677
-1.00	-0.1807	1.0001	2.5002	1.5000	1.6668	1.6670	2.5674
-0.80	0.0193	1.0002	2.5006	1.5000	1.6671	1.6669	2.5674
-0.60	0.2194	1.0003	2.5003	1.5006	1.6662	1.6674	2.5680
-0.40	0.4195	1.0005	2.4996	1.4998	1.6667	1.6672	2.5680
-0.20	0.6196	1.0007	2.5004	1.4995	1.6674	1.6677	2.5687
0.0	0.8198	1.0011	2.5006	1.5000	1.6671	1.6685	2.5699
0.20	1.0201	1.0018	2.5007	1.5008	1.6662	1.6697	2.5717
0.40	1.2205	1.0029	2.5011	1.5009	1.6664	1.6718	2.5747
0.60	1.4213	1.0046	2.5021	1.5013	1.6667	1.6743	2.5788
0.80	1.6224	1.0073	2.5042	1.5016	1.6676	1.6793	2.5860
1.00	1.8242	1.0115	2.5063	1.5029	1.6677	1.6868	2.5973
1.20	2.0271	1.0182	2.5097	1.5046	1.6679	1.6983	2.6148
1.40	2.2316	1.0289	2.5154	1.5070	1.6692	1.7166	2.6426
1.60	2.4387	1.0458	2.5259	1.5106	1.6721	1.7446	2.6858
1.80	2.6497	1.0726	2.5417	1.5167	1.6758	1.7883	2.7539
2.00	2.8666	1.1151	2.5684	1.5270	1.6820	1.8552	2.8599
2.20	3.0920	1.1824	2.6142	1.5424	1.6949	1.9546	3.0228
2.40	3.3295	1.2891	0.0	1.5670	0.0	0.0	0.0

T= 2000

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-5.00	-4.1350	1.0000	0.0	1.5000	0.0	0.0	0.0
-4.80	-3.9350	1.0000	2.5001	1.5000	1.6667	1.6661	2.7054
-4.60	-3.7350	1.0000	2.5000	1.5000	1.6667	1.6563	2.7056
-4.40	-3.5350	1.0000	2.5001	1.5000	1.6667	1.6663	2.7055
-4.20	-3.3350	1.0000	2.5000	1.5000	1.6667	1.6663	2.7055
-4.00	-3.1350	1.0000	2.5000	1.5000	1.6667	1.6661	2.7054
-3.80	-2.9350	1.0000	2.5000	1.5000	1.6667	1.6661	2.7054
-3.60	-2.7350	1.0000	2.5000	1.5000	1.6667	1.6663	2.7056
-3.40	-2.5350	1.0000	2.5001	1.5000	1.6667	1.6663	2.7056
-3.20	-2.3350	1.0000	2.5000	1.5000	1.6667	1.6663	2.7056
-3.00	-2.1350	1.0000	2.5000	1.5000	1.6667	1.6663	2.7055
-2.80	-1.9350	1.0000	2.5000	1.5000	1.6667	1.6661	2.7054
-2.60	-1.7350	1.0000	2.5000	1.5000	1.6666	1.6661	2.7054

T= 2000

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-2.40	-1.5350	1.0000	2.5000	1.5000	1.6667	1.6663	2.7056
-2.20	-1.3350	1.0000	2.4999	1.5000	1.6666	1.6663	2.7055
-2.00	-1.1350	1.0000	2.5001	1.5000	1.6667	1.6662	2.7055
-1.80	-0.9350	1.0000	2.5001	1.5000	1.6667	1.6662	2.7055
-1.60	-0.7350	1.0000	2.5001	1.5000	1.6667	1.6662	2.7056
-1.40	-0.5350	1.0000	2.4999	1.5000	1.6666	1.6665	2.7058
-1.20	-0.3349	1.0001	2.5000	1.5000	1.6667	1.6670	2.7062
-1.00	-0.1349	1.0001	2.4999	1.5000	1.6666	1.6671	2.7064
-0.80	0.0651	1.0002	2.5000	1.5000	1.6667	1.6673	2.7066
-0.60	0.2652	1.0003	2.5007	1.4998	1.6673	1.6668	2.7064
-0.40	0.4652	1.0005	2.5001	1.5005	1.6661	1.6668	2.7066
-0.20	0.6653	1.0007	2.5006	1.4998	1.6673	1.6673	2.7074
0.0	0.8655	1.0012	2.5004	1.5006	1.6663	1.6682	2.7087
0.20	1.0658	1.0018	2.5003	1.5009	1.6659	1.6693	2.7105
0.40	1.2663	1.0029	2.5009	1.5008	1.6664	1.6717	2.7139
0.60	1.4670	1.0046	2.5019	1.5010	1.6668	1.6740	2.7181
0.80	1.6682	1.0074	2.5028	1.5017	1.6666	1.6787	2.7256
1.00	1.8701	1.0117	2.5051	1.5025	1.6672	1.6865	2.7377
1.20	2.0730	1.0185	2.5089	1.5037	1.6684	1.6979	2.7563
1.40	2.2776	1.0293	2.5136	1.5067	1.6682	1.7162	2.7857
1.60	2.4847	1.0464	2.5224	1.5101	1.6704	1.7437	2.8312
1.80	2.6959	1.0736	2.5364	1.5170	1.6720	1.7866	2.9028
2.00	2.9129	1.1166	2.5606	1.5264	1.6776	1.8518	3.0140
2.20	3.1387	1.1849	2.6017	1.5416	1.6876	1.9495	3.1855
2.40	3.3766	1.2930	0.0	1.5653	0.0	0.0	0.0

T= 2200

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-5.00	-4.0936	1.0000	0.0	1.5000	0.0	0.0	0.0
-4.80	-3.8936	1.0000	2.5000	1.5000	1.6667	1.6667	2.8380
-4.60	-3.6936	1.0000	2.5001	1.5000	1.6667	1.6669	2.8381
-4.40	-3.4936	1.0000	2.5001	1.5000	1.6667	1.6669	2.8381
-4.20	-3.2936	1.0000	2.5001	1.5000	1.6667	1.6667	2.8380
-4.00	-3.0936	1.0000	2.5001	1.5000	1.6667	1.6668	2.8380
-3.80	-2.8936	1.0000	2.5001	1.5000	1.6668	1.6667	2.8380
-3.60	-2.6936	1.0000	2.5001	1.5000	1.6667	1.6668	2.8381
-3.40	-2.4936	1.0000	2.5001	1.5000	1.6667	1.6670	2.8382
-3.20	-2.2936	1.0000	2.5001	1.5000	1.6667	1.6668	2.8381
-3.00	-2.0936	1.0000	2.5001	1.5000	1.6667	1.6667	2.8380
-2.80	-1.8936	1.0000	2.5001	1.5000	1.6668	1.6668	2.8380
-2.60	-1.6936	1.0000	2.5002	1.5000	1.6668	1.6668	2.8380
-2.40	-1.4936	1.0000	2.5001	1.5000	1.6667	1.6668	2.8380
-2.20	-1.2936	1.0000	2.5002	1.5000	1.6668	1.6671	2.8383
-2.00	-1.0936	1.0000	2.5000	1.5000	1.6666	1.6668	2.8381
-1.80	-0.8936	1.0000	2.5001	1.5000	1.6668	1.6667	2.8380
-1.60	-0.6936	1.0000	2.5001	1.5000	1.6667	1.6668	2.8381
-1.40	-0.4936	1.0000	2.5000	1.5000	1.6666	1.6669	2.8382
-1.20	-0.2935	1.0001	2.5000	1.5000	1.6667	1.6664	2.8378
-1.00	-0.0935	1.0001	2.5001	1.5000	1.6668	1.6669	2.8383
-0.80	0.1065	1.0002	2.4998	1.5000	1.6666	1.6669	2.8384
-0.60	0.3065	1.0003	2.5001	1.5000	1.6667	1.6665	2.8383
-0.40	0.5066	1.0005	2.4995	1.5007	1.6656	1.6673	2.8392
-0.20	0.7067	1.0007	2.4999	1.5007	1.6659	1.6681	2.8402
0.0	0.9069	1.0012	2.5010	1.4998	1.6676	1.6688	2.8415

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T= 2200

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
0.20	1.1072	1.0019	2.5014	1.5004	1.6671	1.6698	2.8432
0.40	1.3077	1.0030	2.5010	1.4999	1.6674	1.6715	2.8463
0.60	1.5084	1.0047	2.5026	1.5003	1.6681	1.6744	2.8512
0.80	1.7096	1.0074	2.5029	1.5015	1.6670	1.6789	2.8589
1.00	1.9115	1.0118	2.5043	1.5032	1.6660	1.6857	2.8709
1.20	2.1144	1.0186	2.5072	1.5040	1.6671	1.6973	2.8905
1.40	2.3191	1.0296	2.5114	1.5065	1.6671	1.7146	2.9207
1.60	2.5263	1.0469	2.5188	1.5107	1.6673	1.7427	2.9692
1.80	2.7375	1.0743	2.5319	1.5158	1.6704	1.7850	3.0441
2.00	2.9547	1.1177	2.5535	1.5259	1.6734	1.8498	3.1608
2.20	3.1807	1.1865	2.5911	1.5411	1.6813	1.9452	3.3396
2.40	3.4189	1.2956	0.0	1.5645	0.0	0.0	0.0

T= 2400

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-5.00	-4.0558	1.0000	0.0	1.5000	0.0	0.0	0.0
-4.80	-3.8558	1.0000	2.4999	1.5000	1.6666	1.6667	2.9642
-4.60	-3.6558	1.0000	2.4999	1.5000	1.6666	1.6663	2.9638
-4.40	-3.4558	1.0000	2.5001	1.5000	1.6667	1.6663	2.9638
-4.20	-3.2558	1.0000	2.4999	1.5000	1.6666	1.6666	2.9641
-4.00	-3.0558	1.0000	2.5000	1.5000	1.6667	1.6666	2.9641
-3.80	-2.8558	1.0000	2.4999	1.5000	1.6666	1.6666	2.9641
-3.60	-2.6558	1.0000	2.5000	1.5000	1.6667	1.6664	2.9639
-3.40	-2.4558	1.0000	2.4999	1.5000	1.6666	1.6663	2.9638
-3.20	-2.2558	1.0000	2.5000	1.5000	1.6667	1.6663	2.9638
-3.00	-2.0558	1.0000	2.5000	1.5000	1.6667	1.6667	2.9641
-2.80	-1.8558	1.0000	2.4999	1.5000	.1.6666	1.6666	2.9641
-2.60	-1.6558	1.0000	2.5000	1.5000	1.6666	1.6666	2.9641
-2.40	-1.4558	1.0000	2.4999	1.5000	1.6666	1.6664	2.9639
-2.20	-1.2558	1.0000	2.5000	1.5000	1.6667	1.6662	2.9638
-2.00	-1.0558	1.0000	2.5001	1.5000	1.6667	1.6665	2.9641
-1.80	-0.8558	1.0000	2.4998	1.5000	1.6665	1.6666	2.9641
-1.60	-0.6558	1.0000	2.5001	1.5000	1.6667	1.6665	2.9640
-1.40	-0.4558	1.0000	2.4999	1.5000	1.6666	1.6676	2.9650
-1.20	-0.2558	1.0001	2.4999	1.5000	1.6666	1.6670	2.9645
-1.00	-0.0557	1.0001	2.5000	1.5000	1.6667	1.6663	2.9640
-0.80	0.1443	1.0002	2.4999	1.5000	1.6666	1.6665	2.9643
-0.60	0.3443	1.0003	2.5001	1.5000	1.6668	1.6680	2.9658
-0.40	0.5444	1.0005	2.5021	1.4999	1.6682	1.6676	2.9656
-0.20	0.7445	1.0007	2.5002	1.5005	1.6662	1.6690	2.9673
0.0	0.9447	1.0012	2.4998	1.4995	1.6671	1.6695	2.9684
0.20	1.1450	1.0019	2.5004	1.4998	1.6671	1.6705	2.9703
0.40	1.3455	1.0030	2.5024	1.5017	1.6663	1.6712	2.9726
0.60	1.5462	1.0047	2.5004	1.5022	1.6645	1.6747	2.9783
0.80	1.7474	1.0075	2.5029	1.5020	1.6664	1.6796	2.9867
1.00	1.9493	1.0118	2.5050	1.5021	1.6677	1.6862	2.9991
1.20	2.1523	1.0188	2.5063	1.5042	1.6662	1.6964	3.0183
1.40	2.3569	1.0297	2.5101	1.5058	1.6670	1.7133	3.0497
1.60	2.5642	1.0471	2.5171	1.5101	1.6668	1.7401	3.0992
1.80	2.7755	1.0747	2.5275	1.5161	1.6671	1.7813	3.1767
2.00	2.9928	1.1184	2.5474	1.5240	1.6715	1.8435	3.2967
2.20	3.2189	1.1876	2.5847	1.5404	1.6780	1.9351	3.4806
2.40	3.4573	1.2973	0.0	1.5645	0.0	0.0	0.0

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-5.00	-4.0381	1.0000	0.0	1.5000	0.0	0.0	0.0
-4.80	-3.8381	1.0000	2.5001	1.5000	1.6667	1.6677	3.0262
-4.60	-3.6381	1.0000	2.4999	1.5000	1.6666	1.6677	3.0262
-4.40	-3.4381	1.0000	2.4999	1.5000	1.6666	1.6672	3.0257
-4.20	-3.2381	1.0000	2.4999	1.5000	1.6666	1.6670	3.0256
-4.00	-3.0381	1.0000	2.4998	1.5000	1.6666	1.6672	3.0258
-3.80	-2.8381	1.0000	2.4998	1.5000	1.6665	1.6677	3.0262
-3.60	-2.6381	1.0000	2.4999	1.5000	1.6666	1.6678	3.0263
-3.40	-2.4381	1.0000	2.4998	1.5000	1.6665	1.6672	3.0258
-3.20	-2.2381	1.0000	2.4999	1.5000	1.6666	1.6672	3.0257
-3.00	-2.0381	1.0000	2.4998	1.5000	1.6666	1.6671	3.0257
-2.80	-1.8381	1.0000	2.4998	1.5000	1.6666	1.6672	3.0258
-2.60	-1.6381	1.0000	2.4999	1.5000	1.6666	1.6677	3.0261
-2.40	-1.4381	1.0000	2.4999	1.5000	1.6666	1.6677	3.0262
-2.20	-1.2381	1.0000	2.4999	1.5000	1.6666	1.6673	3.0258
-2.00	-1.0381	1.0000	2.5001	1.5000	1.6667	1.6670	3.0256
-1.80	-0.8381	1.0000	2.5000	1.5000	1.6666	1.6673	3.0259
-1.60	-0.6381	1.0000	2.4999	1.5000	1.6666	1.6677	3.0262
-1.40	-0.4380	1.0000	2.4998	1.5000	1.6666	1.6673	3.0259
-1.20	-0.2380	1.0001	2.4998	1.5000	1.6665	1.6677	3.0263
-1.00	-0.0380	1.0001	2.4999	1.5000	1.6666	1.6659	3.0248
-0.80	0.1620	1.0002	2.5000	1.5000	1.6667	1.6673	3.0261
-0.60	0.3621	1.0003	2.5001	1.5000	1.6668	1.6676	3.0266
-0.40	0.5621	1.0005	2.5014	1.5000	1.6675	1.6680	3.0272
-0.20	0.7623	1.0007	2.5000	1.4999	1.6668	1.6684	3.0280
0.0	0.9625	1.0012	2.4996	1.5014	1.6649	1.6691	3.0293
0.20	1.1628	1.0019	2.4997	1.4998	1.6667	1.6704	3.0315
0.40	1.3632	1.0030	2.5014	1.5013	1.6662	1.6722	3.0348
0.60	1.5640	1.0047	2.5011	1.5010	1.6662	1.6744	3.0394
0.80	1.7652	1.0075	2.5011	1.5023	1.6649	1.6793	3.0480
1.00	1.9571	1.0119	2.5036	1.5019	1.6669	1.6862	3.0609
1.20	2.1700	1.0188	2.5055	1.5042	1.6656	1.6969	3.0811
1.40	2.3747	1.0298	2.5108	1.5062	1.6669	1.7138	3.1131
1.60	2.5820	1.0472	2.5161	1.5105	1.6657	1.7413	3.1644
1.80	2.7933	1.0748	2.5268	1.5155	1.6673	1.7832	3.2441
2.00	3.0106	1.1186	2.5468	1.5248	1.6703	1.8456	3.3670
2.20	3.2367	1.1880	2.5797	1.5393	1.6759	1.9391	3.5566
2.40	3.4752	1.2979	0.0	1.5634	0.0	0.0	0.0

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-5.00	-4.0210	1.0000	0.0	1.5000	0.0	0.0	0.0
-4.80	-3.8210	1.0000	2.4998	1.5000	1.6665	1.6677	3.0861
-4.60	-3.6210	1.0000	2.4999	1.5000	1.6666	1.6677	3.0862
-4.40	-3.4210	1.0000	2.4998	1.5000	1.6666	1.6678	3.0862
-4.20	-3.2210	1.0000	2.5001	1.5000	1.6667	1.6677	3.0861
-4.00	-3.0210	1.0000	2.4998	1.5000	1.6665	1.6677	3.0861
-3.80	-2.8210	1.0000	2.4998	1.5000	1.6665	1.6678	3.0862
-3.60	-2.6210	1.0000	2.4997	1.5000	1.6665	1.6677	3.0861
-3.40	-2.4210	1.0000	2.4999	1.5000	1.6666	1.6676	3.0860
-3.20	-2.2210	1.0000	2.4998	1.5000	1.6665	1.6678	3.0862
-3.00	-2.0210	1.0000	2.4998	1.5000	1.6665	1.6678	3.0862
-2.80	-1.8210	1.0000	2.4998	1.5000	1.6665	1.6677	3.0861
-2.60	-1.6210	1.0000	2.4997	1.5000	1.6665	1.6678	3.0862

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LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-2.40	-1.4210	1.0000	2.4999	1.5000	1.6666	1.6677	3.0861
-2.20	-1.2210	1.0000	2.4996	1.5000	1.6664	1.6678	3.0862
-2.00	-1.0210	1.0000	2.4997	1.5000	1.6665	1.6678	3.0862
-1.80	-0.8210	1.0000	2.5001	1.5000	1.6668	1.6677	3.0861
-1.60	-0.6210	1.0000	2.4997	1.5000	1.6665	1.6677	3.0862
-1.40	-0.4210	1.0000	2.4997	1.5000	1.6665	1.6667	3.0853
-1.20	-0.2210	1.0001	2.4999	1.5000	1.6666	1.6665	3.0851
-1.00	-0.0210	1.0001	2.5000	1.5000	1.6666	1.6668	3.0854
-0.80	0.1791	1.0002	2.4999	1.5000	1.6666	1.6669	3.0857
-0.60	0.3791	1.0003	2.4998	1.5000	1.6665	1.6672	3.0861
-0.40	0.5792	1.0005	2.4995	1.5000	1.6663	1.6685	3.0876
-0.20	0.7793	1.0007	2.4998	1.5000	1.6665	1.6678	3.0874
0.0	0.9795	1.0012	2.5001	1.5022	1.6643	1.6684	3.0886
0.20	1.1798	1.0019	2.5003	1.5005	1.6664	1.6697	3.0909
0.40	1.3803	1.0030	2.4995	1.4999	1.6664	1.6723	3.0950
0.60	1.5810	1.0047	2.5028	1.4998	1.6688	1.6742	3.0994
0.80	1.7822	1.0075	2.5008	1.5020	1.6650	1.6785	3.1077
1.00	1.9841	1.0119	2.5024	1.5022	1.6658	1.6856	3.1210
1.20	2.1871	1.0188	2.5056	1.5042	1.6658	1.6979	3.1431
1.40	2.3917	1.0298	2.5104	1.5064	1.6665	1.7146	3.1755
1.60	2.5990	1.0473	2.5144	1.5108	1.6643	1.7427	3.2285
1.80	2.8104	1.0749	2.5263	1.5149	1.6676	1.7843	3.3096
2.00	3.0277	1.1188	2.5447	1.5264	1.6671	1.8492	3.4373
2.20	3.2539	1.1882	2.5747	1.5391	1.6729	1.9429	3.6310
2.40	3.4924	1.2983	0.0	1.5625	0.0	0.0	0.0

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-5.00	-3.9888	1.0000	0.0	1.5000	0.0	0.0	0.0
-4.80	-3.7888	1.0000	2.4999	1.5000	1.6666	1.6660	3.2010
-4.60	-3.5888	1.0000	2.5002	1.5000	1.6668	1.6660	3.2010
-4.40	-3.3888	1.0000	2.5001	1.5000	1.6667	1.6661	3.2010
-4.20	-3.1888	1.0000	2.5000	1.5000	1.6667	1.6663	3.2013
-4.00	-2.9888	1.0000	2.5001	1.5000	1.6668	1.6663	3.2013
-3.80	-2.7888	1.0000	2.5002	1.5000	1.6668	1.6660	3.2010
-3.60	-2.5888	1.0000	2.5002	1.5000	1.6668	1.6659	3.2009
-3.40	-2.3888	1.0000	2.5001	1.5000	1.6668	1.6661	3.2010
-3.20	-2.1888	1.0000	2.5001	1.5000	1.6667	1.6663	3.2013
-3.00	-1.9888	1.0000	2.5001	1.5000	1.6668	1.6663	3.2013
-2.80	-1.7888	1.0000	2.5001	1.5000	1.6668	1.6663	3.2013
-2.60	-1.5888	1.0000	2.5002	1.5000	1.6668	1.6661	3.2011
-2.40	-1.3888	1.0000	2.5001	1.5000	1.6667	1.6660	3.2010
-2.20	-1.1888	1.0000	2.5003	1.5000	1.6669	1.6660	3.2010
-2.00	-0.9888	1.0000	2.5001	1.5000	1.6667	1.6663	3.2013
-1.80	-0.7888	1.0000	2.5000	1.5000	1.6667	1.6662	3.2012
-1.60	-0.5888	1.0000	2.5002	1.5000	1.6668	1.6661	3.2011
-1.40	-0.3888	1.0000	2.5000	1.5000	1.6667	1.6665	3.2016
-1.20	-0.1888	1.0001	2.5000	1.5000	1.6667	1.6673	3.2023
-1.00	0.0112	1.0001	2.5000	1.5000	1.6667	1.6674	3.2025
-0.80	0.2112	1.0002	2.5000	1.5000	1.6666	1.6663	3.2016
-0.60	0.4113	1.0003	2.5003	1.5000	1.6669	1.6667	3.2022
-0.40	0.6114	1.0005	2.5001	1.5000	1.6667	1.6672	3.2028
-0.20	0.8115	1.0007	2.5010	1.5000	1.6674	1.6675	3.2036
0.0	1.0117	1.0012	2.5010	1.4994	1.6680	1.6680	3.2048

T= 2800

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
0.20	1.2120	1.0019	2.5011	1.5010	1.6664	1.6692	3.2070
0.40	1.4125	1.0030	2.5009	1.5011	1.6660	1.6709	3.2105
0.60	1.6132	1.0047	2.5005	1.5016	1.6652	1.6746	3.2168
0.80	1.8144	1.0075	2.5025	1.5011	1.6672	1.6790	3.2255
1.00	2.0163	1.0119	2.5034	1.5028	1.6658	1.6858	3.2390
1.20	2.2193	1.0189	2.5054	1.5038	1.6660	1.6957	3.2597
1.40	2.4239	1.0299	2.5074	1.5064	1.6645	1.7134	3.2944
1.60	2.6313	1.0474	2.5136	1.5095	1.6652	1.7400	3.3478
1.80	2.8426	1.0751	2.5224	1.5167	1.6630	1.7804	3.4310
2.00	3.0600	1.1190	2.5393	1.5253	1.6648	1.8428	3.5612
2.20	3.2862	1.1886	2.5702	1.5398	1.6692	1.9333	3.7593
2.40	3.5247	1.2989	0.0	1.5634	0.0	0.0	0.0

T= 3000

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-5.00	-3.9589	1.0000	0.0	1.5000	0.0	0.0	0.0
-4.80	-3.7589	1.0000	2.4999	1.5000	1.6666	1.6655	3.3129
-4.60	-3.5589	1.0000	2.4999	1.5000	1.6666	1.6655	3.3129
-4.40	-3.3589	1.0000	2.4999	1.5000	1.6666	1.6656	3.3130
-4.20	-3.1589	1.0000	2.5000	1.5000	1.6667	1.6657	3.3130
-4.00	-2.9589	1.0000	2.5000	1.5000	1.6667	1.6656	3.3130
-3.80	-2.7589	1.0000	2.4999	1.5000	1.6666	1.6655	3.3129
-3.60	-2.5589	1.0000	2.5000	1.5000	1.6666	1.6656	3.3129
-3.40	-2.3589	1.0000	2.5001	1.5000	1.6667	1.6656	3.3129
-3.20	-2.1589	1.0000	2.5002	1.5000	1.6668	1.6656	3.3130
-3.00	-1.9589	1.0000	2.5000	1.5000	1.6667	1.6656	3.3130
-2.80	-1.7589	1.0000	2.4999	1.5000	1.6666	1.6655	3.3129
-2.60	-1.5589	1.0000	2.4999	1.5000	1.6666	1.6656	3.3129
-2.40	-1.3589	1.0000	2.5001	1.5000	1.6667	1.6655	3.3128
-2.20	-1.1589	1.0000	2.5000	1.5000	1.6666	1.6658	3.3132
-2.00	-0.9589	1.0000	2.5001	1.5000	1.6668	1.6668	3.3142
-1.80	-0.7589	1.0000	2.5002	1.5000	1.6668	1.6667	3.3141
-1.60	-0.5589	1.0000	2.5001	1.5000	1.6667	1.6667	3.3141
-1.40	-0.3589	1.0000	2.4999	1.5000	1.6666	1.6667	3.3141
-1.20	-0.1588	1.0001	2.4999	1.5000	1.6666	1.6669	3.3143
-1.00	0.0412	1.0001	2.5000	1.5000	1.6667	1.6667	3.3142
-0.80	0.2412	1.0002	2.5001	1.5000	1.6668	1.6671	3.3147
-0.60	0.4412	1.0003	2.4999	1.5000	1.6666	1.6676	3.3154
-0.40	0.6413	1.0005	2.5001	1.5000	1.6667	1.6674	3.3155
-0.20	0.8414	1.0007	2.5000	1.5000	1.6672	1.6676	3.3162
0.0	1.0416	1.0012	2.4999	1.5001	1.6665	1.6688	3.3180
0.20	1.2419	1.0019	2.5001	1.4999	1.6669	1.6695	3.3199
0.40	1.4424	1.0030	2.5007	1.4995	1.6677	1.6703	3.3225
0.60	1.6432	1.0047	2.5008	1.5016	1.6653	1.6741	3.3293
0.80	1.8444	1.0075	2.5014	1.5015	1.6660	1.6786	3.3383
1.00	2.0463	1.0119	2.5019	1.5019	1.6658	1.6855	3.3524
1.20	2.2492	1.0189	2.5039	1.5038	1.6650	1.6957	3.3741
1.40	2.4539	1.0299	2.5078	1.5071	1.6640	1.7126	3.4092
1.60	2.6612	1.0474	2.5129	1.5099	1.6643	1.7377	3.4631
1.80	2.8726	1.0751	2.5209	1.5155	1.6634	1.7790	3.5501
2.00	3.0900	1.1190	2.5360	1.5247	1.6633	1.8404	3.6839
2.20	3.3162	1.1887	2.5654	1.5396	1.6663	1.9299	3.8881
2.40	3.5547	1.2990	0.0	1.5618	0.0	0.0	0.0

T= 3200

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-5.00	-3.9309	1.0000	0.0	1.5000	0.0	0.0	0.0
-4.80	-3.7309	1.0000	2.5001	1.5000	1.6667	1.6672	3.4233
-4.60	-3.5309	1.0000	2.5000	1.5000	1.6667	1.6674	3.4234
-4.40	-3.3309	1.0000	2.5000	1.5000	1.6667	1.6673	3.4233
-4.20	-3.1309	1.0000	2.5000	1.5000	1.6666	1.6671	3.4231
-4.00	-2.9309	1.0000	2.4999	1.5000	1.6666	1.6670	3.4231
-3.80	-2.7309	1.0000	2.5000	1.5000	1.6667	1.6673	3.4234
-3.60	-2.5309	1.0000	2.5000	1.5000	1.6666	1.6673	3.4234
-3.40	-2.3309	1.0000	2.5000	1.5000	1.6666	1.6673	3.4234
-3.20	-2.1309	1.0000	2.4999	1.5000	1.6666	1.6671	3.4231
-3.00	-1.9309	1.0000	2.4999	1.5000	1.6666	1.6569	3.4229
-2.80	-1.7309	1.0000	2.5002	1.5000	1.6668	1.6670	3.4231
-2.60	-1.5309	1.0000	2.5002	1.5000	1.6668	1.6674	3.4234
-2.40	-1.3309	1.0000	2.5001	1.5000	1.6667	1.6673	3.4233
-2.20	-1.1309	1.0000	2.5001	1.5000	1.6667	1.6674	3.4234
-2.00	-0.9308	1.0000	2.4998	1.5000	1.6666	1.6670	3.4230
-1.80	-0.7308	1.0000	2.4999	1.5000	1.6666	1.6673	3.4234
-1.60	-0.5308	1.0000	2.5001	1.5000	1.6667	1.6674	3.4234
-1.40	-0.3308	1.0000	2.4998	1.5000	1.6665	1.6672	3.4233
-1.20	-0.1308	1.0001	2.5001	1.5000	1.6667	1.6663	3.4224
-1.00	0.0692	1.0001	2.5000	1.5000	1.6667	1.6660	3.4222
-0.80	0.2692	1.0002	2.4998	1.5000	1.6665	1.6675	3.4239
-0.60	0.4693	1.0003	2.5000	1.5000	1.6666	1.6675	3.4241
-0.40	0.6694	1.0005	2.4998	1.5000	1.6665	1.6677	3.4246
-0.20	0.8695	1.0007	2.4998	1.5000	1.6665	1.6681	3.4254
0.0	1.0697	1.0012	2.4999	1.5000	1.6666	1.6690	3.4271
0.20	1.2700	1.0019	2.4995	1.4994	1.6670	1.6702	3.4295
0.40	1.4704	1.0030	2.5008	1.5011	1.6660	1.6720	3.4333
0.60	1.6712	1.0047	2.5004	1.5010	1.6658	1.6737	3.4380
0.80	1.8724	1.0075	2.5017	1.5021	1.6655	1.6778	3.4470
1.00	2.0743	1.0119	2.5031	1.5030	1.6654	1.6846	3.4614
1.20	2.2773	1.0189	2.5032	1.5032	1.6652	1.6963	3.4853
1.40	2.4819	1.0299	2.5067	1.5054	1.6651	1.7130	3.5214
1.60	2.6892	1.0474	2.5106	1.5088	1.6639	1.7388	3.5778
1.80	2.9006	1.0751	2.5185	1.5149	1.6625	1.7782	3.6656
2.00	3.1180	1.1190	2.5332	1.5237	1.6626	1.8383	3.8025
2.20	3.3442	1.1886	2.5613	1.5389	1.6644	1.9260	4.0113
2.40	3.5827	1.2989	0.0	1.5604	0.0	0.0	0.0

T= 3400

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-5.00	-3.9045	1.0000	0.0	1.5000	0.0	0.0	0.0
-4.80	-3.7045	1.0000	2.4999	1.5000	1.6666	1.6682	3.5296
-4.60	-3.5045	1.0000	2.5003	1.5000	1.6659	1.6681	3.5295
-4.40	-3.3045	1.0000	2.5002	1.5000	1.6668	1.6682	3.5296
-4.20	-3.1045	1.0000	2.5002	1.5000	1.6668	1.6678	3.5292
-4.00	-2.9045	1.0000	2.5000	1.5000	1.6667	1.6681	3.5295
-3.80	-2.7045	1.0000	2.5003	1.5000	1.6668	1.6682	3.5297
-3.60	-2.5045	1.0000	2.5003	1.5000	1.6669	1.6681	3.5295
-3.40	-2.3045	1.0000	2.5002	1.5000	1.6668	1.6680	3.5295
-3.20	-2.1045	1.0000	2.5002	1.5000	1.6668	1.6682	3.5297
-3.00	-1.9045	1.0000	2.5000	1.5000	1.6667	1.6677	3.5291
-2.80	-1.7045	1.0000	2.4997	1.5000	1.6665	1.6681	3.5295
-2.60	-1.5045	1.0000	2.4997	1.5000	1.6664	1.6681	3.5296

T= 3400

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-2.40	-1.3045	1.0000	2.4996	1.5000	1.6664	1.6681	3.5295
-2.20	-1.1045	1.0000	2.5000	1.5000	1.6667	1.6682	3.5296
-2.00	-0.9045	1.0000	2.5004	1.5000	1.6669	1.6664	3.5278
-1.80	-0.7045	1.0000	2.5004	1.5000	1.6670	1.6664	3.5277
-1.60	-0.5045	1.0000	2.4996	1.5000	1.6664	1.6664	3.5278
-1.40	-0.3045	1.0000	2.5000	1.5000	1.6667	1.6665	3.5279
-1.20	-0.1045	1.0001	2.4997	1.5000	1.6665	1.6665	3.5280
-1.00	0.0955	1.0001	2.4995	1.5000	1.6663	1.6659	3.5274
-0.80	0.2956	1.0002	2.4998	1.5000	1.6665	1.6667	3.5284
-0.60	0.4956	1.0003	2.5001	1.5000	1.6667	1.6668	3.5287
-0.40	0.6957	1.0005	2.5004	1.5000	1.6669	1.6667	3.5289
-0.20	0.8958	1.0007	2.5006	1.5000	1.6671	1.6676	3.5303
0.0	1.0960	1.0012	2.5004	1.5000	1.6669	1.6684	3.5320
0.20	1.2963	1.0019	2.5006	1.5028	1.6640	1.6689	3.5337
0.40	1.4968	1.0030	2.5008	1.5008	1.6663	1.6722	3.5392
0.60	1.6975	1.0047	2.5025	1.4993	1.6691	1.6734	3.5435
0.80	1.8987	1.0075	2.5004	1.5001	1.6668	1.6774	3.5526
1.00	2.1006	1.0119	2.5001	1.5010	1.6657	1.6842	3.5676
1.20	2.3036	1.0188	2.5046	1.5038	1.6655	1.6950	3.5913
1.40	2.5083	1.0299	2.5044	1.5074	1.6614	1.7107	3.6272
1.60	2.7156	1.0473	2.5098	1.5112	1.6608	1.7371	3.6860
1.80	2.9269	1.0750	2.5160	1.5167	1.6589	1.7759	3.7759
2.00	3.1443	1.1189	2.5298	1.5235	1.6605	1.8334	3.9140
2.20	3.3704	1.1884	2.5542	1.5391	1.6595	1.9208	4.1288
2.40	3.6089	1.2986	0.0	1.5634	0.0	0.0	0.0

T= 3500

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-5.00	-3.8919	1.0000	0.0	1.5000	0.0	0.0	0.0
-4.80	-3.6919	1.0000	2.4996	1.5000	1.6664	1.6657	3.5785
-4.60	-3.4919	1.0000	2.5000	1.5000	1.6667	1.6662	3.5790
-4.40	-3.2919	1.0000	2.5003	1.5000	1.6669	1.6665	3.5793
-4.20	-3.0919	1.0000	2.5002	1.5000	1.6668	1.6663	3.5791
-4.00	-2.8919	1.0000	2.5001	1.5000	1.6667	1.6663	3.5791
-3.80	-2.6919	1.0000	2.5001	1.5000	1.6668	1.6656	3.5784
-3.60	-2.4919	1.0000	2.5000	1.5000	1.6667	1.6656	3.5783
-3.40	-2.2919	1.0000	2.5003	1.5000	1.6669	1.6663	3.5792
-3.20	-2.0919	1.0000	2.5002	1.5000	1.6668	1.6662	3.5791
-3.00	-1.8919	1.0000	2.5001	1.5000	1.6667	1.6665	3.5793
-2.80	-1.6919	1.0000	2.5000	1.5000	1.6667	1.6663	3.5791
-2.60	-1.4919	1.0000	2.4999	1.5000	1.6666	1.6654	3.5782
-2.40	-1.2919	1.0000	2.5002	1.5000	1.6668	1.6656	3.5784
-2.20	-1.0919	1.0000	2.5002	1.5000	1.6668	1.6662	3.5791
-2.00	-0.8919	1.0000	2.4998	1.5000	1.6666	1.6664	3.5793
-1.80	-0.6919	1.0000	2.5001	1.5000	1.6667	1.6656	3.5784
-1.60	-0.4919	1.0000	2.4998	1.5000	1.6665	1.6656	3.5784
-1.40	-0.2919	1.0000	2.4998	1.5000	1.6665	1.6662	3.5791
-1.20	-0.0919	1.0001	2.4998	1.5000	1.6665	1.6658	3.5788
-1.00	0.1081	1.0001	2.5002	1.5000	1.6668	1.6691	3.5824
-0.80	0.3081	1.0002	2.4998	1.5000	1.6666	1.6666	3.5798
-0.60	0.5082	1.0003	2.5002	1.5000	1.6668	1.6666	3.5800
-0.40	0.7083	1.0005	2.4998	1.5000	1.6665	1.6674	3.5811
-0.20	0.9084	1.0007	2.5006	1.5000	1.6670	1.6677	3.5819
0.0	1.1086	1.0012	2.5003	1.4998	1.6671	1.6682	3.5833

T= 3500

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
0.20	1.3089	1.0019	2.5004	1.5021	1.6645	1.6694	3.5859
0.40	1.5094	1.0030	2.4999	1.4999	1.6667	1.6712	3.5897
0.60	1.7101	1.0047	2.5020	1.5022	1.6656	1.6731	3.5949
0.80	1.9113	1.0075	2.4998	1.5022	1.6641	1.6770	3.6041
1.00	2.1132	1.0119	2.5017	1.5019	1.6657	1.6843	3.6197
1.20	2.3162	1.0188	2.5022	1.5040	1.6637	1.6950	3.6436
1.40	2.5208	1.0298	2.5037	1.5061	1.6623	1.7115	3.6810
1.60	2.7281	1.0473	2.5076	1.5103	1.6603	1.7346	3.7371
1.80	2.9395	1.0749	2.5153	1.5141	1.6613	1.7763	3.8314
2.00	3.1568	1.1188	2.5298	1.5244	1.6595	1.8344	3.9721
2.20	3.3830	1.1883	2.5554	1.5390	1.6604	1.9217	4.1898
2.40	3.6215	1.2984	0.0	1.5613	0.0	0.0	0.0

T= 3600

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-5.00	-3.8797	1.0000	0.0	1.5000	0.0	0.0	0.0
-4.80	-3.6797	1.0000	2.4998	1.5000	1.6665	1.6660	3.6296
-4.60	-3.4797	1.0000	2.4998	1.5000	1.6665	1.6663	3.6299
-4.40	-3.2797	1.0000	2.5000	1.5000	1.6667	1.6667	3.6304
-4.20	-3.0797	1.0000	2.4999	1.5000	1.6666	1.6666	3.6302
-4.00	-2.8797	1.0000	2.5002	1.5000	1.6668	1.6662	3.6297
-3.80	-2.6797	1.0000	2.4999	1.5000	1.6666	1.6661	3.6297
-3.60	-2.4797	1.0000	2.4998	1.5000	1.6665	1.6661	3.6297
-3.40	-2.2797	1.0000	2.5000	1.5000	1.6667	1.6657	3.6303
-3.20	-2.0797	1.0000	2.4999	1.5000	1.6666	1.6667	3.6303
-3.00	-1.8797	1.0000	2.5002	1.5000	1.6668	1.6668	3.6304
-2.80	-1.6797	1.0000	2.5003	1.5000	1.6669	1.6662	3.6298
-2.60	-1.4797	1.0000	2.5003	1.5000	1.6669	1.6661	3.6297
-2.40	-1.2797	1.0000	2.5006	1.5000	1.6671	1.6662	3.6298
-2.20	-1.0797	1.0000	2.5000	1.5000	1.6667	1.6669	3.6304
-2.00	-0.8797	1.0000	2.4996	1.5000	1.6664	1.6667	3.6303
-1.80	-0.6797	1.0000	2.4996	1.5000	1.6664	1.6661	3.6297
-1.60	-0.4797	1.0000	2.5005	1.5000	1.6670	1.6662	3.6298
-1.40	-0.2797	1.0000	2.4998	1.5000	1.6665	1.6667	3.6304
-1.20	-0.0797	1.0001	2.5002	1.5000	1.6668	1.6662	3.6299
-1.00	0.1204	1.0001	2.5007	1.5000	1.6671	1.6671	3.6310
-0.80	0.3204	1.0002	2.5002	1.5000	1.6668	1.6688	3.6329
-0.60	0.5204	1.0003	2.4999	1.5000	1.6666	1.6674	3.6317
-0.40	0.7205	1.0005	2.4994	1.5000	1.6663	1.6674	3.6320
-0.20	0.9206	1.0007	2.4999	1.5000	1.6666	1.6673	3.6323
0.0	1.1208	1.0012	2.5000	1.5007	1.6658	1.6682	3.6341
0.20	1.3211	1.0019	2.5005	1.4994	1.6676	1.6699	3.6372
0.40	1.5216	1.0030	2.5000	1.4999	1.6667	1.6711	3.6405
0.60	1.7223	1.0047	2.4995	1.5032	1.6627	1.6738	3.6466
0.80	1.9235	1.0075	2.5014	1.5032	1.6641	1.6787	3.6569
1.00	2.1254	1.0119	2.5046	1.5041	1.6651	1.6854	3.6722
1.20	2.3284	1.0188	2.5013	1.5042	1.6629	1.6953	3.6957
1.40	2.5331	1.0298	2.5043	1.5047	1.6643	1.7122	3.7340
1.60	2.7403	1.0472	2.5069	1.5081	1.6623	1.7385	3.7942
1.80	2.9517	1.0749	2.5157	1.5135	1.6622	1.7770	3.8863
2.00	3.1690	1.1187	2.5292	1.5253	1.6581	1.8379	4.0321
2.20	3.3951	1.1881	2.5549	1.5371	1.6621	1.9247	4.2523
2.40	3.6336	1.2981	0.0	1.5584	0.0	0.0	0.0

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-5.00	-3.8562	1.0000	0.0	1.4998	0.0	0.0	0.0
-4.80	-3.6562	1.0000	2.4998	1.4998	1.6668	1.6676	3.7308
-4.60	-3.4562	1.0000	2.4997	1.4997	1.6668	1.6670	3.7302
-4.40	-3.2562	1.0000	2.4998	1.5001	1.6665	1.6669	3.7301
-4.20	-3.0562	1.0000	2.5000	1.5001	1.6666	1.6671	3.7303
-4.00	-2.8562	1.0000	2.5001	1.5001	1.6667	1.6675	3.7307
-3.80	-2.6562	1.0000	2.5001	1.5001	1.6667	1.6673	3.7305
-3.60	-2.4562	1.0000	2.5001	1.5000	1.6667	1.6675	3.7307
-3.40	-2.2562	1.0000	2.4998	1.5000	1.6666	1.6672	3.7303
-3.20	-2.0562	1.0000	2.5000	1.5000	1.6666	1.6670	3.7301
-3.00	-1.8562	1.0000	2.5000	1.5000	1.6667	1.6670	3.7302
-2.80	-1.6562	1.0000	2.5000	1.5000	1.6666	1.6675	3.7307
-2.60	-1.4562	1.0000	2.5000	1.5000	1.6666	1.6675	3.7307
-2.40	-1.2562	1.0000	2.4997	1.5000	1.6665	1.6674	3.7306
-2.20	-1.0562	1.0000	2.5000	1.5000	1.6667	1.6670	3.7301
-2.00	-0.8562	1.0000	2.5001	1.5000	1.6667	1.6670	3.7302
-1.80	-0.6562	1.0000	2.5002	1.5000	1.6668	1.6675	3.7307
-1.60	-0.4562	1.0000	2.5000	1.5000	1.6667	1.6675	3.7307
-1.40	-0.2562	1.0000	2.4998	1.5000	1.6665	1.6671	3.7304
-1.20	-0.0562	1.0001	2.5000	1.5000	1.6667	1.6674	3.7308
-1.00	0.1438	1.0001	2.4999	1.5000	1.6666	1.6659	3.7291
-0.80	0.3439	1.0002	2.5001	1.5000	1.6667	1.6658	3.7291
-0.60	0.5439	1.0003	2.5001	1.5000	1.6668	1.6675	3.7312
-0.40	0.7440	1.0005	2.5000	1.5000	1.6667	1.6678	3.7319
-0.20	0.9441	1.0007	2.4999	1.5000	1.6666	1.6681	3.7328
0.0	1.1443	1.0012	2.5001	1.5014	1.6652	1.6690	3.7345
0.20	1.3446	1.0019	2.5013	1.5002	1.6672	1.6699	3.7369
0.40	1.5451	1.0030	2.5001	1.5013	1.6653	1.6705	3.7396
0.60	1.7458	1.0047	2.5000	1.4991	1.6677	1.6742	3.7469
0.80	1.9470	1.0075	2.5007	1.5007	1.6663	1.6788	3.7573
1.00	2.1489	1.0118	2.5005	1.5019	1.6649	1.6853	3.7728
1.20	2.3519	1.0188	2.5037	1.5048	1.6638	1.6948	3.7962
1.40	2.5565	1.0297	2.5050	1.5066	1.6627	1.7107	3.8345
1.60	2.7638	1.0471	2.5086	1.5100	1.6613	1.7364	3.8957
1.80	2.9751	1.0747	2.5136	1.5163	1.6577	1.7748	3.9901
2.00	3.1924	1.1184	2.5255	1.5237	1.6575	1.8336	4.1373
2.20	3.4185	1.1877	2.5486	1.5371	1.6581	1.9198	4.3625
2.40	3.6569	1.2975	0.0	1.5605	0.0	0.0	0.0

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-5.00	-3.8339	1.0000	0.0	1.5011	0.0	0.0	0.0
-4.80	-3.6339	1.0000	2.5012	1.5011	1.6663	1.6653	3.8251
-4.60	-3.4339	1.0000	2.5015	1.5014	1.6661	1.6657	3.8256
-4.40	-3.2339	1.0000	2.5001	1.4998	1.6669	1.6653	3.8251
-4.20	-3.0339	1.0000	2.4997	1.4997	1.6668	1.6653	3.8251
-4.00	-2.8339	1.0000	2.4996	1.4997	1.6668	1.6654	3.8252
-3.80	-2.6339	1.0000	2.4996	1.4997	1.6668	1.6657	3.8256
-3.60	-2.4339	1.0000	2.4998	1.5002	1.6664	1.6658	3.8256
-3.40	-2.2339	1.0000	2.5002	1.5002	1.6666	1.6654	3.8252
-3.20	-2.0339	1.0000	2.5001	1.5000	1.6667	1.6654	3.8252
-3.00	-1.8339	1.0000	2.5000	1.5000	1.6666	1.6658	3.8257
-2.80	-1.6339	1.0000	2.5001	1.5000	1.6667	1.6657	3.8256
-2.60	-1.4339	1.0000	2.4998	1.5000	1.6666	1.6657	3.8256

T= 4000

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-2.40	-1.2339	1.0000	2.5001	1.5000	1.6667	1.6657	3.8256
-2.20	-1.0339	1.0000	2.5000	1.5000	1.6667	1.6656	3.8255
-2.00	-0.8339	1.0000	2.5000	1.5000	1.6667	1.6673	3.8274
-1.80	-0.6339	1.0000	2.5000	1.5000	1.6667	1.6673	3.8274
-1.60	-0.4339	1.0000	2.5000	1.5000	1.6667	1.6673	3.8274
-1.40	-0.2339	1.0000	2.5011	1.5000	1.6674	1.6670	3.8272
-1.20	-0.0339	1.0001	2.5001	1.5000	1.6667	1.6673	3.8275
-1.00	0.1661	1.0001	2.5000	1.5000	1.6667	1.6569	3.8272
-0.80	0.3661	1.0002	2.5001	1.5000	1.6667	1.6659	3.8261
-0.60	0.5662	1.0003	2.4999	1.5000	1.6666	1.6571	3.8277
-0.40	0.7663	1.0005	2.4999	1.5000	1.6666	1.6663	3.8271
-0.20	0.9664	1.0007	2.5001	1.5002	1.6665	1.6686	3.8303
0.0	1.1666	1.0012	2.4995	1.4998	1.6666	1.6690	3.8316
0.20	1.3669	1.0019	2.4995	1.5001	1.6662	1.6697	3.8337
0.40	1.5673	1.0030	2.5000	1.5015	1.6651	1.6702	3.8365
0.60	1.7681	1.0047	2.5011	1.5016	1.6656	1.6746	3.8447
0.80	1.9693	1.0074	2.5007	1.5015	1.6655	1.6785	3.8545
1.00	2.1712	1.0118	2.5010	1.5026	1.6645	1.6837	3.8688
1.20	2.3741	1.0187	2.5026	1.5041	1.6638	1.6940	3.8939
1.40	2.5788	1.0297	2.5043	1.5052	1.6638	1.7105	3.9337
1.60	2.7860	1.0470	2.5061	1.5095	1.6602	1.7358	3.9960
1.80	2.9973	1.0745	2.5135	1.5144	1.6598	1.7735	4.0919
2.00	3.2146	1.1181	2.5248	1.5242	1.6565	1.8311	4.2413
2.20	3.4406	1.1872	2.5479	1.5388	1.6558	1.9162	4.4708
2.40	3.6789	1.2968	0.0	1.5602	0.0	0.0	0.0

T= 4200

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-5.00	-3.8128	1.0000	0.0	1.5023	0.0	0.0	0.0
-4.80	-3.6128	1.0000	2.5020	1.5021	1.6657	1.6661	3.9205
-4.60	-3.4128	1.0000	2.5005	1.5007	1.6662	1.6661	3.9205
-4.40	-3.2128	1.0000	2.5000	1.5007	1.6659	1.6662	3.9206
-4.20	-3.0128	1.0000	2.5012	1.5016	1.6657	1.6666	3.9211
-4.00	-2.8128	1.0000	2.5016	1.5016	1.6660	1.6662	3.9207
-3.80	-2.6128	1.0000	2.5016	1.5015	1.6661	1.6664	3.9208
-3.60	-2.4128	1.0000	2.4992	1.4991	1.6671	1.6650	3.9192
-3.40	-2.2128	1.0000	2.4986	1.4991	1.6667	1.6649	3.9191
-3.20	-2.0128	1.0000	2.4997	1.5002	1.6663	1.6654	3.9196
-3.00	-1.8128	1.0000	2.5000	1.5002	1.6665	1.6672	3.9218
-2.80	-1.6128	1.0000	2.4996	1.5000	1.6664	1.6665	3.9211
-2.60	-1.4128	1.0000	2.4999	1.5000	1.6666	1.6666	3.9210
-2.40	-1.2128	1.0000	2.4996	1.5000	1.6664	1.6665	3.9211
-2.20	-1.0128	1.0000	2.5002	1.5000	1.6668	1.6567	3.9212
-2.00	-0.8127	1.0000	2.4997	1.5000	1.6664	1.6671	3.9217
-1.80	-0.6127	1.0000	2.4994	1.5000	1.6662	1.6667	3.9212
-1.60	-0.4127	1.0000	2.4996	1.5000	1.6664	1.6666	3.9211
-1.40	-0.2127	1.0000	2.5008	1.5000	1.6672	1.6571	3.9218
-1.20	-0.0127	1.0001	2.5000	1.5000	1.6667	1.6669	3.9214
-1.00	0.1873	1.0001	2.5000	1.5000	1.6667	1.6670	3.9218
-0.80	0.3873	1.0002	2.5001	1.5000	1.6667	1.6670	3.9220
-0.60	0.5874	1.0003	2.4998	1.5000	1.6665	1.6678	3.9230
-0.40	0.7874	1.0005	2.5003	1.5000	1.6669	1.6674	3.9230
-0.20	0.9876	1.0007	2.5000	1.4991	1.6676	1.6678	3.9239
0.0	1.1878	1.0012	2.5009	1.5002	1.6671	1.6687	3.9259

T= 4200

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
0.20	1.3881	1.0019	2.5001	1.5001	1.6667	1.6695	3.9282
0.40	1.5885	1.0030	2.5000	1.4999	1.6668	1.6708	3.9319
0.60	1.7893	1.0047	2.5012	1.5016	1.6657	1.6743	3.9393
0.80	1.9905	1.0074	2.5013	1.5015	1.6658	1.6780	3.9491
1.00	2.1923	1.0118	2.5015	1.5032	1.6642	1.6833	3.9639
1.20	2.3953	1.0187	2.5004	1.5024	1.6643	1.6952	3.9913
1.40	2.5999	1.0296	2.5023	1.5059	1.6616	1.7098	4.0299
1.60	2.8072	1.0469	2.5061	1.5082	1.6617	1.7346	4.0930
1.80	3.0184	1.0743	2.5113	1.5150	1.6577	1.7721	4.1909
2.00	3.2356	1.1178	2.5217	1.5232	1.6555	1.8294	4.3435
2.20	3.4616	1.1867	2.5438	1.5387	1.6532	1.9142	4.5779
2.40	3.6998	1.2960	0.0	1.5587	0.0	0.0	0.0

T= 4400

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-5.00	-3.7925	1.0000	0.0	1.5032	0.0	0.0	0.0
-4.80	-3.5925	1.0000	2.5040	1.5040	1.6649	1.6663	4.0130
-4.60	-3.3925	1.0000	2.5033	1.5029	1.6656	1.6664	4.0131
-4.40	-3.1925	1.0000	2.5050	1.5040	1.6655	1.6668	4.0136
-4.20	-2.9925	1.0000	2.5007	1.5003	1.6668	1.6667	4.0135
-4.00	-2.7925	1.0000	2.5000	1.5003	1.6664	1.6674	4.0144
-3.80	-2.5925	1.0000	2.5008	1.5011	1.6659	1.6669	4.0137
-3.60	-2.3926	1.0000	2.5036	1.5037	1.6650	1.6673	4.0142
-3.40	-2.1926	1.0000	2.5043	1.5037	1.6654	1.6674	4.0143
-3.20	-1.9926	1.0000	2.4996	1.4992	1.6673	1.6674	4.0144
-3.00	-1.7925	1.0000	2.4993	1.4992	1.6672	1.6667	4.0135
-2.80	-1.5925	1.0000	2.5002	1.5001	1.6668	1.6673	4.0142
-2.60	-1.3925	1.0000	2.5001	1.5001	1.6667	1.6674	4.0144
-2.40	-1.1925	1.0000	2.5004	1.5001	1.6669	1.6674	4.0143
-2.20	-0.9925	1.0000	2.4997	1.5000	1.6665	1.6675	4.0145
-2.00	-0.7925	1.0000	2.5004	1.5000	1.6669	1.6656	4.0122
-1.80	-0.5925	1.0000	2.5005	1.5000	1.6670	1.6651	4.0115
-1.60	-0.3925	1.0000	2.4998	1.5000	1.6666	1.6652	4.0117
-1.40	-0.1925	1.0000	2.5001	1.5000	1.6667	1.6652	4.0118
-1.20	0.0075	1.0001	2.5000	1.5000	1.6667	1.6654	4.0121
-1.00	0.2075	1.0001	2.4998	1.5000	1.6665	1.6674	4.0146
-0.80	0.4075	1.0002	2.4996	1.5000	1.6664	1.6677	4.0150
-0.60	0.6076	1.0003	2.5003	1.5000	1.6669	1.6664	4.0137
-0.40	0.8077	1.0005	2.4989	1.5000	1.6659	1.6680	4.0160
-0.20	1.0078	1.0007	2.4998	1.5037	1.6624	1.6666	4.0148
0.0	1.2080	1.0012	2.5015	1.5001	1.6676	1.6670	4.0162
0.20	1.4083	1.0019	2.4997	1.5001	1.6664	1.6682	4.0190
0.40	1.6087	1.0029	2.4996	1.5002	1.6662	1.6718	4.0256
0.60	1.8095	1.0047	2.4998	1.5001	1.6664	1.6722	4.0295
0.80	2.0107	1.0074	2.5006	1.5015	1.6654	1.6764	4.0400
1.00	2.2125	1.0117	2.5001	1.5016	1.6650	1.6846	4.0586
1.20	2.4155	1.0186	2.5042	1.5057	1.6631	1.6934	4.0830
1.40	2.6201	1.0295	2.5053	1.5063	1.6632	1.7089	4.1235
1.60	2.8273	1.0468	2.5068	1.5119	1.6581	1.7319	4.1858
1.80	3.0385	1.0741	2.5099	1.5144	1.6574	1.7698	4.2863
2.00	3.2557	1.1175	2.5218	1.5248	1.6538	1.8277	4.4429
2.20	3.4816	1.1862	2.5424	1.5352	1.6560	1.9104	4.6799
2.40	3.7198	1.2951	0.0	1.5599	0.0	0.0	0.0

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-5.00	-3.7828	1.0000	0.0	1.5069	0.0	0.0	0.0
-4.80	-3.5828	1.0000	2.5050	1.5047	1.6648	1.6633	4.0547
-4.60	-3.3828	1.0000	2.5049	1.5046	1.6648	1.6645	4.0562
-4.40	-3.1828	1.0000	2.5052	1.5048	1.6648	1.6653	4.0572
-4.20	-2.9828	1.0000	2.5024	1.5020	1.6660	1.6654	4.0573
-4.00	-2.7828	1.0000	2.5020	1.5022	1.6655	1.6655	4.0574
-3.80	-2.5828	1.0000	2.4995	1.4995	1.6669	1.6655	4.0573
-3.60	-2.3828	1.0000	2.5031	1.5026	1.6659	1.6684	4.0609
-3.40	-2.1828	1.0000	2.5033	1.5026	1.6660	1.6698	4.0627
-3.20	-1.9828	1.0000	2.5027	1.5028	1.6654	1.6696	4.0623
-3.00	-1.7828	1.0000	2.5027	1.5028	1.6654	1.6657	4.0576
-2.80	-1.5828	1.0000	2.5004	1.4998	1.6672	1.6661	4.0581
-2.60	-1.3828	1.0000	2.5003	1.4998	1.6671	1.6664	4.0584
-2.40	-1.1828	1.0000	2.5005	1.4998	1.6672	1.6662	4.0582
-2.20	-0.9828	1.0000	2.4997	1.5000	1.6664	1.6673	4.0596
-2.00	-0.7828	1.0000	2.4999	1.5000	1.6665	1.6661	4.0582
-1.80	-0.5828	1.0000	2.5000	1.5000	1.6666	1.6662	4.0582
-1.60	-0.3828	1.0000	2.5003	1.5000	1.6668	1.6665	4.0586
-1.40	-0.1828	1.0000	2.5004	1.5000	1.6669	1.6665	4.0586
-1.20	0.0172	1.0001	2.5004	1.5000	1.6669	1.6661	4.0583
-1.00	0.2173	1.0001	2.4998	1.5000	1.6665	1.6664	4.0587
-0.80	0.4173	1.0002	2.5002	1.5000	1.6668	1.6678	4.0605
-0.60	0.6173	1.0003	2.4998	1.5000	1.6665	1.6673	4.0601
-0.40	0.8174	1.0005	2.5001	1.5000	1.6667	1.6677	4.0610
-0.20	1.0175	1.0007	2.4998	1.5027	1.6635	1.6675	4.0613
0.0	1.2177	1.0012	2.5007	1.5001	1.6670	1.6682	4.0630
0.20	1.4180	1.0019	2.5001	1.5001	1.6666	1.6690	4.0655
0.40	1.6185	1.0029	2.5028	1.5002	1.6683	1.6709	4.0699
0.60	1.8192	1.0047	2.5000	1.5001	1.6665	1.6732	4.0762
0.80	2.0204	1.0074	2.5000	1.5000	1.6666	1.6780	4.0876
1.00	2.2223	1.0117	2.5003	1.5004	1.6664	1.6838	4.1035
1.20	2.4252	1.0186	2.5034	1.5035	1.6650	1.6905	4.1255
1.40	2.6298	1.0295	2.5040	1.5068	1.6618	1.7065	4.1671
1.60	2.8370	1.0467	2.5046	1.5102	1.6585	1.7322	4.2333
1.80	3.0482	1.0740	2.5100	1.5138	1.6581	1.7716	4.3367
2.00	3.2654	1.1173	2.5188	1.5240	1.6528	1.8298	4.4953
2.20	3.4913	1.1859	2.5398	1.5348	1.6549	1.9115	4.7337
2.40	3.7294	1.2947	0.0	1.5581	0.0	0.0	0.0

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-5.00	-3.7732	1.0000	0.0	1.5121	0.0	0.0	0.0
-4.80	-3.5732	1.0000	2.5076	1.5064	1.6646	1.6614	4.0972
-4.60	-3.3732	1.0000	2.5069	1.5069	1.6637	1.6622	4.0981
-4.40	-3.1732	1.0000	2.5052	1.5051	1.6645	1.6627	4.0988
-4.20	-2.9732	1.0000	2.5063	1.5062	1.6640	1.6641	4.1005
-4.00	-2.7732	1.0000	2.5054	1.5054	1.6643	1.6641	4.1005
-3.80	-2.5732	1.0000	2.5015	1.5017	1.6658	1.6647	4.1013
-3.60	-2.3732	1.0000	2.5002	1.4997	1.6671	1.6647	4.1012
-3.40	-2.1732	1.0000	2.5002	1.4999	1.6669	1.6648	4.1013
-3.20	-1.9732	1.0000	2.5048	1.5036	1.6659	1.6653	4.1019
-3.00	-1.7732	1.0000	2.5034	1.5035	1.6651	1.6655	4.1022
-2.80	-1.5732	1.0000	2.5008	1.5008	1.6663	1.6655	4.1022
-2.60	-1.3732	1.0000	2.5013	1.5008	1.6667	1.6654	4.1020

T= 4600

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-2.40	-1.1732	1.0000	2.5011	1.5010	1.6663	1.6661	4.1029
-2.20	-0.9732	1.0000	2.5013	1.4998	1.6678	1.6659	4.1027
-2.00	-0.7732	1.0000	2.5009	1.4998	1.6675	1.6652	4.1019
-1.80	-0.5732	1.0000	2.5009	1.4998	1.6675	1.6658	4.1026
-1.60	-0.3732	1.0000	2.5014	1.4998	1.6678	1.6686	4.1061
-1.40	-0.1732	1.0000	2.5002	1.5000	1.6668	1.6684	4.1059
-1.20	0.0268	1.0001	2.5006	1.5000	1.6670	1.6685	4.1060
-1.00	0.2268	1.0001	2.4996	1.5000	1.6664	1.6662	4.1033
-0.80	0.4268	1.0002	2.5004	1.5000	1.6669	1.6664	4.1038
-0.60	0.6269	1.0003	2.4994	1.5000	1.6662	1.6679	4.1058
-0.40	0.8270	1.0005	2.5012	1.4998	1.6677	1.6670	4.1050
-0.20	1.0271	1.0007	2.5003	1.4992	1.6677	1.6693	4.1084
0.0	1.2273	1.0012	2.5001	1.5001	1.6666	1.6678	4.1074
0.20	1.4276	1.0019	2.5009	1.4999	1.6674	1.6687	4.1099
0.40	1.6280	1.0029	2.5034	1.5002	1.6686	1.6711	4.1151
0.60	1.8288	1.0047	2.5001	1.5013	1.6653	1.6756	4.1242
0.80	2.0300	1.0074	2.4995	1.5015	1.6646	1.6775	4.1321
1.00	2.2318	1.0117	2.5009	1.5016	1.6655	1.6844	4.1495
1.20	2.4347	1.0186	2.4996	1.5013	1.6650	1.6939	4.1752
1.40	2.6393	1.0294	2.5012	1.5057	1.6612	1.7107	4.2182
1.60	2.8465	1.0466	2.5032	1.5068	1.6612	1.7359	4.2845
1.80	3.0577	1.0739	2.5100	1.5144	1.6574	1.7721	4.3850
2.00	3.2749	1.1171	2.5173	1.5212	1.6548	1.8283	4.5427
2.20	3.5007	1.1857	2.5380	1.5363	1.6520	1.9124	4.7865
2.40	3.7388	1.2942	0.0	1.5573	0.0	0.0	0.0

T= 4800

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-5.00	-3.7547	1.0000	0.0	1.5234	0.0	0.0	0.0
-4.80	-3.5548	1.0000	2.5215	1.5195	1.6594	1.6582	4.1813
-4.60	-3.3548	1.0000	2.5161	1.5159	1.6597	1.6598	4.1833
-4.40	-3.1548	1.0000	2.5120	1.5117	1.6617	1.6613	4.1852
-4.20	-2.9548	1.0000	2.5093	1.5093	1.6625	1.6623	4.1864
-4.00	-2.7548	1.0000	2.5067	1.5066	1.6638	1.6632	4.1876
-3.80	-2.5548	1.0000	2.5081	1.5061	1.6652	1.6638	4.1883
-3.60	-2.3548	1.0000	2.5054	1.5052	1.6645	1.6648	4.1896
-3.40	-2.1548	1.0000	2.5036	1.5039	1.6647	1.6648	4.1896
-3.20	-1.9548	1.0000	2.5015	1.5013	1.6662	1.6653	4.1902
-3.00	-1.7548	1.0000	2.5019	1.5017	1.6661	1.6658	4.1908
-2.80	-1.5548	1.0000	2.5031	1.5027	1.6657	1.6654	4.1903
-2.60	-1.3548	1.0000	2.5026	1.5030	1.6651	1.6657	4.1907
-2.40	-1.1548	1.0000	2.5013	1.5012	1.6662	1.6663	4.1915
-2.20	-0.9548	1.0000	2.5013	1.5012	1.6662	1.6658	4.1908
-2.00	-0.7548	1.0000	2.5015	1.5012	1.6664	1.6658	4.1908
-1.80	-0.5548	1.0000	2.5019	1.5015	1.6662	1.6662	4.1914
-1.60	-0.3547	1.0000	2.5015	1.5015	1.6659	1.6663	4.1916
-1.40	-0.1547	1.0000	2.5000	1.4997	1.6670	1.6662	4.1915
-1.20	0.0453	1.0001	2.5000	1.4996	1.6670	1.6664	4.1917
-1.00	0.2453	1.0001	2.5015	1.4996	1.6681	1.6665	4.1919
-0.80	0.4453	1.0002	2.5001	1.4996	1.6671	1.6666	4.1922
-0.60	0.6454	1.0003	2.5004	1.4996	1.6673	1.6669	4.1928
-0.40	0.8454	1.0005	2.4997	1.5015	1.6648	1.6671	4.1935
-0.20	1.0456	1.0007	2.5002	1.5003	1.6665	1.6672	4.1942
0.0	1.2457	1.0012	2.4998	1.5001	1.6664	1.6683	4.1965

T= 4800

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
0.20	1.4460	1.0018	2.4996	1.5016	1.6646	1.6691	4.1988
0.40	1.6465	1.0029	2.4991	1.4998	1.6662	1.6711	4.2036
0.60	1.8473	1.0046	2.5002	1.5021	1.6645	1.6738	4.2106
0.80	2.0484	1.0074	2.4999	1.5023	1.6640	1.6758	4.2189
1.00	2.2503	1.0117	2.5015	1.5041	1.6631	1.6843	4.2385
1.20	2.4532	1.0185	2.5018	1.5044	1.6630	1.6942	4.2654
1.40	2.6578	1.0293	2.5025	1.5056	1.6621	1.7105	4.3084
1.60	2.8650	1.0465	2.5048	1.5100	1.6588	1.7335	4.3734
1.80	3.0761	1.0737	2.5090	1.5155	1.6555	1.7698	4.4759
2.00	3.2932	1.1168	2.5197	1.5238	1.6536	1.8257	4.6364
2.20	3.5190	1.1851	2.5372	1.5372	1.6505	1.9082	4.8828
2.40	3.7569	1.2933	0.0	1.5589	0.0	0.0	0.0

T= 5000

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-5.00	-3.7370	1.0001	0.0	1.5486	0.0	0.0	0.0
-4.80	-3.5370	1.0000	2.5411	1.5386	1.6516	1.6507	4.2579
-4.60	-3.3370	1.0000	2.5317	1.5294	1.6554	1.6542	4.2624
-4.40	-3.1370	1.0000	2.5255	1.5252	1.6558	1.6568	4.2658
-4.20	-2.9370	1.0000	2.5200	1.5180	1.6601	1.6589	4.2685
-4.00	-2.7370	1.0000	2.5168	1.5148	1.6615	1.6604	4.2703
-3.80	-2.5370	1.0000	2.5131	1.5126	1.6615	1.6620	4.2723
-3.60	-2.3370	1.0000	2.5098	1.5102	1.6619	1.6631	4.2738
-3.40	-2.1370	1.0000	2.5071	1.5076	1.6630	1.6640	4.2749
-3.20	-1.9370	1.0000	2.5063	1.5068	1.6633	1.6647	4.2758
-3.00	-1.7370	1.0000	2.5054	1.5053	1.6644	1.6655	4.2769
-2.80	-1.5370	1.0000	2.5033	1.5032	1.6653	1.6655	4.2769
-2.60	-1.3370	1.0000	2.5025	1.5020	1.6660	1.6661	4.2776
-2.40	-1.1370	1.0000	2.5023	1.5024	1.6656	1.6662	4.2778
-2.20	-0.9370	1.0000	2.5008	1.5026	1.6643	1.6667	4.2784
-2.00	-0.7370	1.0000	2.5011	1.5030	1.6640	1.6666	4.2783
-1.80	-0.5370	1.0000	2.5008	1.5014	1.6656	1.6672	4.2790
-1.60	-0.3370	1.0000	2.4996	1.5014	1.6648	1.6650	4.2763
-1.40	-0.1370	1.0000	2.4999	1.5011	1.6654	1.6652	4.2766
-1.20	0.0630	1.0001	2.4998	1.5018	1.6646	1.6655	4.2770
-1.00	0.2630	1.0001	2.5020	1.5016	1.6662	1.6673	4.2795
-0.80	0.4530	1.0002	2.4999	1.5016	1.6648	1.6673	4.2796
-0.60	0.6631	1.0003	2.4995	1.5016	1.6646	1.6659	4.2780
-0.40	0.8632	1.0005	2.4995	1.5017	1.6644	1.6678	4.2808
-0.20	1.0633	1.0007	2.4998	1.5001	1.6665	1.6666	4.2798
0.0	1.2635	1.0012	2.5003	1.5001	1.6668	1.6687	4.2835
0.20	1.4638	1.0018	2.4997	1.5018	1.6644	1.6703	4.2869
0.40	1.6642	1.0029	2.5004	1.5018	1.6649	1.6714	4.2907
0.60	1.8650	1.0046	2.5001	1.5000	1.6668	1.6725	4.2957
0.80	2.0661	1.0073	2.5015	1.4997	1.6680	1.6780	4.3086
1.00	2.2680	1.0116	2.5002	1.5017	1.6649	1.6828	4.3240
1.20	2.4709	1.0184	2.5017	1.5038	1.6635	1.6935	4.3522
1.40	2.6755	1.0292	2.5022	1.5067	1.6607	1.7092	4.3955
1.60	2.8826	1.0463	2.5051	1.5104	1.6586	1.7319	4.4611
1.80	3.0937	1.0734	2.5075	1.5149	1.6553	1.7701	4.5681
2.00	3.3108	1.1164	2.5160	1.5232	1.6518	1.8257	4.7312
2.20	3.5365	1.1845	2.5350	1.5359	1.6505	1.9065	4.9801
2.40	3.7744	1.2924	0.0	1.5572	0.0	0.0	0.0

T= 5200

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-5.00	-3.7199	1.0001	0.0	1.5941	0.0	0.0	0.0
-4.80	-3.5200	1.0001	2.5760	1.5738	1.6368	1.6365	4.3236
-4.60	-3.3200	1.0001	2.5636	1.5588	1.6446	1.6427	4.3317
-4.40	-3.1200	1.0001	2.5497	1.5475	1.6476	1.6455	4.3354
-4.20	-2.9200	1.0001	2.5408	1.5393	1.6507	1.6498	4.3411
-4.00	-2.7200	1.0000	2.5323	1.5303	1.6548	1.6535	4.3460
-3.80	-2.5200	1.0000	2.5234	1.5233	1.6566	1.6560	4.3492
-3.60	-2.3200	1.0000	2.5203	1.5179	1.6603	1.6577	4.3514
-3.40	-2.1200	1.0000	2.5169	1.5137	1.6628	1.6593	4.3534
-3.20	-1.9200	1.0000	2.5143	1.5108	1.6642	1.6609	4.3556
-3.00	-1.7200	1.0000	2.5088	1.5095	1.6620	1.6620	4.3570
-2.80	-1.5200	1.0000	2.5075	1.5090	1.6617	1.6631	4.3584
-2.60	-1.3200	1.0000	2.5040	1.5053	1.6634	1.6637	4.3592
-2.40	-1.1200	1.0000	2.5051	1.5053	1.6642	1.6638	4.3593
-2.20	-0.9200	1.0000	2.5044	1.5043	1.6649	1.6647	4.3605
-2.00	-0.7200	1.0000	2.5032	1.5025	1.6661	1.6654	4.3614
-1.80	-0.5200	1.0000	2.5024	1.5006	1.6676	1.6653	4.3614
-1.60	-0.3200	1.0000	2.5010	1.5006	1.6667	1.6653	4.3614
-1.40	-0.1200	1.0000	2.5005	1.5037	1.6629	1.6654	4.3615
-1.20	0.0800	1.0001	2.5004	1.5006	1.6663	1.6658	4.3621
-1.00	0.2801	1.0001	2.4986	1.5019	1.6636	1.6662	4.3627
-0.80	0.4801	1.0002	2.5013	1.5019	1.6654	1.6680	4.3653
-0.60	0.6801	1.0003	2.5022	1.5017	1.6662	1.6666	4.3636
-0.40	0.8802	1.0005	2.5016	1.4997	1.6680	1.6665	4.3639
-0.20	1.0803	1.0007	2.4998	1.5001	1.6664	1.6676	4.3658
0.0	1.2805	1.0012	2.4999	1.5003	1.6663	1.6684	4.3679
0.20	1.4808	1.0018	2.5003	1.4998	1.6671	1.6689	4.3700
0.40	1.6813	1.0029	2.4999	1.5019	1.6645	1.6722	4.3767
0.60	1.8820	1.0046	2.4998	1.5007	1.6658	1.6730	4.3815
0.80	2.0832	1.0073	2.5016	1.5024	1.6650	1.6769	4.3924
1.00	2.2850	1.0116	2.4998	1.5025	1.6638	1.6834	4.4103
1.20	2.4879	1.0184	2.4999	1.5047	1.6615	1.6938	4.4387
1.40	2.6925	1.0291	2.5025	1.5042	1.6636	1.7075	4.4800
1.60	2.8996	1.0462	2.5040	1.5088	1.6595	1.7318	4.5491
1.80	3.1107	1.0732	2.5079	1.5131	1.6575	1.7699	4.6579
2.00	3.3277	1.1160	2.5159	1.5231	1.6518	1.8236	4.8214
2.20	3.5533	1.1839	2.5342	1.5362	1.6497	1.9054	5.0759
2.40	3.7911	1.2914	0.0	1.5572	0.0	0.0	0.0

T= 5400

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-5.00	-3.7035	1.0003	0.0	1.6743	0.0	0.0	0.0
-4.80	-3.5035	1.0002	2.6498	1.6409	1.6148	1.6224	4.3872
-4.60	-3.3035	1.0002	2.6125	1.6102	1.6225	1.6311	4.3989
-4.40	-3.1036	1.0001	2.5919	1.5844	1.6359	1.6370	4.4068
-4.20	-2.9036	1.0001	2.5717	1.5660	1.6422	1.6425	4.4140
-4.00	-2.7036	1.0001	2.5566	1.5557	1.6434	1.6481	4.4216
-3.80	-2.5036	1.0001	2.5469	1.5443	1.6492	1.6516	4.4262
-3.60	-2.3036	1.0000	2.5360	1.5347	1.6525	1.6545	4.4300
-3.40	-2.1036	1.0000	2.5257	1.5295	1.6513	1.6575	4.4340
-3.20	-1.9036	1.0000	2.5201	1.5257	1.6518	1.6596	4.4369
-3.00	-1.7036	1.0000	2.5212	1.5154	1.6637	1.6614	4.4392
-2.80	-1.5036	1.0000	2.5166	1.5104	1.6662	1.6628	4.4411
-2.60	-1.3036	1.0000	2.5154	1.5102	1.6657	1.6635	4.4420

T= 5400

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-2.40	-1.1036	1.0000	2.5095	1.5095	1.6624	1.6643	4.4430
-2.20	-0.9036	1.0000	2.5061	1.5052	1.6650	1.6650	4.4440
-2.00	-0.7036	1.0000	2.5035	1.5039	1.6647	1.6658	4.4451
-1.80	-0.5036	1.0000	2.5053	1.5051	1.6646	1.6659	4.4453
-1.60	-0.3036	1.0000	2.5047	1.5050	1.6643	1.6664	4.4458
-1.40	-0.1036	1.0000	2.5061	1.5001	1.6706	1.6666	4.4463
-1.20	0.0964	1.0001	2.5061	1.5045	1.6658	1.6667	4.4465
-1.00	0.2964	1.0001	2.5044	1.4989	1.6709	1.6647	4.4439
-0.80	0.4965	1.0002	2.5013	1.4989	1.6688	1.6648	4.4441
-0.60	0.6965	1.0003	2.4996	1.4999	1.6666	1.6677	4.4482
-0.40	0.8966	1.0005	2.5020	1.5002	1.6678	1.6682	4.4492
-0.20	1.0967	1.0007	2.4992	1.5002	1.6659	1.6684	4.4501
0.0	1.2969	1.0012	2.5002	1.4990	1.6678	1.6692	4.4522
0.20	1.4972	1.0018	2.4997	1.5003	1.6661	1.6707	4.4557
0.40	1.6977	1.0029	2.5001	1.5000	1.6667	1.6701	4.4572
0.60	1.8984	1.0046	2.4991	1.4993	1.6668	1.6743	4.4666
0.80	2.0995	1.0073	2.4993	1.5019	1.6641	1.6761	4.4750
1.00	2.3014	1.0116	2.5001	1.5024	1.6641	1.6825	4.4931
1.20	2.5043	1.0183	2.5009	1.5026	1.6643	1.6920	4.5206
1.40	2.7088	1.0290	2.5004	1.5071	1.6591	1.7073	4.5650
1.60	2.9159	1.0460	2.5012	1.5096	1.6569	1.7315	4.6349
1.80	3.1270	1.0730	2.5067	1.5176	1.6519	1.7667	4.7417
2.00	3.3439	1.1156	2.5134	1.5222	1.6511	1.8202	4.9078
2.20	3.5695	1.1833	2.5332	1.5391	1.6459	1.8998	5.1637
2.40	3.8071	1.2904	0.0	1.5594	0.0	0.0	0.0

T= 5500

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-5.00	-3.6955	1.0004	0.0	1.7319	0.0	0.0	0.0
-4.80	-3.4955	1.0003	2.6940	1.6820	1.6017	1.6003	4.3976
-4.60	-3.2955	1.0002	2.6554	1.6443	1.6149	1.6103	4.4112
-4.40	-3.0956	1.0002	2.6220	1.6158	1.6227	1.6258	4.4323
-4.20	-2.8956	1.0001	2.5948	1.5890	1.6329	1.6343	4.4438
-4.00	-2.6956	1.0001	2.5772	1.5721	1.6393	1.6401	4.4516
-3.80	-2.4956	1.0001	2.5630	1.5577	1.6453	1.6427	4.4551
-3.60	-2.2956	1.0001	2.5475	1.5462	1.6475	1.6483	4.4626
-3.40	-2.0956	1.0001	2.5386	1.5378	1.6503	1.6516	4.4670
-3.20	-1.8956	1.0000	2.5303	1.5287	1.6552	1.6551	4.4716
-3.00	-1.6956	1.0000	2.5236	1.5230	1.6570	1.6573	4.4746
-2.80	-1.4956	1.0000	2.5178	1.5170	1.6599	1.6593	4.4773
-2.60	-1.2956	1.0000	2.5192	1.5145	1.6634	1.6608	4.4794
-2.40	-1.0956	1.0000	2.5121	1.5119	1.6615	1.6629	4.4822
-2.20	-0.8956	1.0000	2.5088	1.5087	1.6628	1.6629	4.4821
-2.00	-0.6956	1.0000	2.5093	1.5090	1.6628	1.6628	4.4821
-1.80	-0.4956	1.0000	2.5068	1.5056	1.6650	1.6642	4.4839
-1.60	-0.2956	1.0000	2.5061	1.5061	1.6640	1.6650	4.4850
-1.40	-0.0956	1.0000	2.5028	1.5027	1.6655	1.6655	4.4857
-1.20	0.1044	1.0001	2.5026	1.5030	1.6650	1.6653	4.4855
-1.00	0.3044	1.0001	2.5039	1.5032	1.6657	1.6655	4.4859
-0.80	0.5044	1.0002	2.4992	1.5032	1.6626	1.6654	4.4859
-0.60	0.7045	1.0003	2.4997	1.4999	1.6665	1.6666	4.4877
-0.40	0.9046	1.0005	2.4988	1.4999	1.6661	1.6671	4.4888
-0.20	1.1047	1.0007	2.5033	1.4999	1.6690	1.6675	4.4899
0.0	1.3049	1.0012	2.5006	1.5035	1.6632	1.6682	4.4918

T= 5500

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
0.20	1.5052	1.0018	2.4994	1.4999	1.6664	1.6689	4.4942
0.40	1.7056	1.0029	2.4997	1.5004	1.6660	1.6670	4.4941
0.60	1.9064	1.0046	2.5035	1.5037	1.6649	1.6732	4.5062
0.80	2.1075	1.0073	2.4998	1.5001	1.6664	1.6783	4.5191
1.00	2.3093	1.0115	2.5013	1.5005	1.6669	1.6852	4.5380
1.20	2.5122	1.0183	2.5006	1.5012	1.6657	1.6901	4.5598
1.40	2.7168	1.0290	2.5008	1.5087	1.6576	1.7094	4.6098
1.60	2.9239	1.0460	2.5017	1.5101	1.6567	1.7355	4.6829
1.80	3.1349	1.0728	2.5058	1.5150	1.6540	1.7692	4.7885
2.00	3.3518	1.1154	2.5153	1.5215	1.6532	1.8244	4.9582
2.20	3.5773	1.1829	2.5297	1.5362	1.6467	1.8986	5.2089
2.40	3.8149	1.2900	0.0	1.5572	0.0	0.0	0.0

T= 5600

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-5.00	-3.6876	1.0005	0.0	1.8022	0.0	0.0	0.0
-4.80	-3.4876	1.0004	2.7505	1.7376	1.5829	1.5705	4.3961
-4.60	-3.2877	1.0003	2.7064	1.6907	1.6007	1.5883	4.4208
-4.40	-3.0877	1.0003	2.6604	1.6548	1.6077	1.6032	4.4413
-4.20	-2.8877	1.0002	2.6285	1.6227	1.6198	1.6166	4.4597
-4.00	-2.6877	1.0002	2.6033	1.5955	1.6317	1.6262	4.4729
-3.80	-2.4878	1.0001	2.5820	1.5757	1.6386	1.6324	4.4812
-3.60	-2.2878	1.0001	2.5641	1.5613	1.6422	1.6396	4.4911
-3.40	-2.0878	1.0001	2.5543	1.5472	1.6509	1.6454	4.4990
-3.20	-1.8878	1.0001	2.5422	1.5350	1.6561	1.6497	4.5048
-3.00	-1.6878	1.0000	2.5295	1.5330	1.6500	1.6527	4.5088
-2.80	-1.4878	1.0000	2.5222	1.5278	1.6509	1.6557	4.5129
-2.60	-1.2878	1.0000	2.5189	1.5195	1.6577	1.6586	4.5169
-2.40	-1.0878	1.0000	2.5153	1.5128	1.6626	1.6575	4.5154
-2.20	-0.8878	1.0000	2.5142	1.5130	1.6617	1.6591	4.5176
-2.00	-0.6878	1.0000	2.5126	1.5125	1.6612	1.6606	4.5196
-1.80	-0.4878	1.0000	2.5064	1.5077	1.6624	1.6614	4.5206
-1.60	-0.2878	1.0000	2.5069	1.5056	1.6651	1.6625	4.5223
-1.40	-0.0878	1.0000	2.5023	1.5068	1.6607	1.6659	4.5269
-1.20	0.1122	1.0001	2.5010	1.5008	1.6664	1.6657	4.5267
-1.00	0.3122	1.0001	2.5005	1.5057	1.6607	1.6661	4.5272
-0.80	0.5123	1.0002	2.5024	1.5059	1.6618	1.6671	4.5289
-0.60	0.7123	1.0003	2.5025	1.5008	1.6674	1.6679	4.5301
-0.40	0.9124	1.0005	2.5000	1.5011	1.6655	1.6651	4.5267
-0.20	1.1125	1.0007	2.5042	1.5011	1.6683	1.6656	4.5280
0.0	1.3127	1.0011	2.5015	1.5046	1.6626	1.6665	4.5301
0.20	1.5130	1.0018	2.5018	1.5015	1.6662	1.6669	4.5322
0.40	1.7134	1.0029	2.4997	1.5001	1.6664	1.6711	4.5403
0.60	1.9142	1.0046	2.5046	1.5052	1.6639	1.6721	4.5455
0.80	2.1153	1.0073	2.5003	1.5020	1.6647	1.6780	4.5596
1.00	2.3172	1.0115	2.5007	1.5024	1.6645	1.6849	4.5786
1.20	2.5200	1.0183	2.5001	1.5027	1.6637	1.6949	4.6075
1.40	2.7246	1.0289	2.5013	1.5074	1.6593	1.7084	4.6500
1.60	2.9317	1.0459	2.5026	1.5088	1.6586	1.7301	4.7178
1.80	3.1427	1.0727	2.5056	1.5127	1.6564	1.7670	4.8286
2.00	3.3596	1.1152	2.5166	1.5222	1.6533	1.8226	5.0002
2.20	3.5850	1.1826	2.5285	1.5332	1.6492	1.9060	5.2656
2.40	3.8226	1.2895	0.0	1.5544	0.0	0.0	0.0

T= 5800

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-5.00	-3.6722	1.0009	0.0	2.0129	0.0	0.0	0.0
-4.80	-3.4723	1.0007	2.9351	1.9089	1.5376	1.5343	4.4228
-4.60	-3.2723	1.0006	2.8436	1.8246	1.5585	1.5576	4.4559
-4.40	-3.0724	1.0005	2.7738	1.7555	1.5800	1.5761	4.4820
-4.20	-2.8724	1.0004	2.7182	1.7056	1.5937	1.5917	4.5039
-4.00	-2.6724	1.0003	2.6712	1.6621	1.6071	1.6059	4.5238
-3.80	-2.4725	1.0002	2.6356	1.6295	1.6174	1.6176	4.5400
-3.60	-2.2725	1.0002	2.6100	1.6043	1.6269	1.6278	4.5543
-3.40	-2.0725	1.0001	2.5858	1.5810	1.6356	1.6363	4.5660
-3.20	-1.8725	1.0001	2.5674	1.5655	1.6400	1.6405	4.5718
-3.00	-1.6725	1.0001	2.5569	1.5504	1.6492	1.6455	4.5788
-2.80	-1.4725	1.0001	2.5462	1.5398	1.6536	1.6502	4.5853
-2.60	-1.2725	1.0001	2.5341	1.5330	1.6531	1.6535	4.5898
-2.40	-1.0726	1.0000	2.5285	1.5258	1.6571	1.6559	4.5932
-2.20	-0.8726	1.0000	2.5217	1.5206	1.6583	1.6582	4.5963
-2.00	-0.6726	1.0000	2.5159	1.5137	1.6621	1.6608	4.5999
-1.80	-0.4726	1.0000	2.5142	1.5141	1.6606	1.6621	4.6017
-1.60	-0.2726	1.0000	2.5111	1.5084	1.6648	1.6633	4.6033
-1.40	-0.0725	1.0001	2.5112	1.5070	1.6663	1.6644	4.6050
-1.20	0.1275	1.0001	2.5090	1.5086	1.6631	1.6650	4.6057
-1.00	0.3275	1.0001	2.5065	1.5032	1.6675	1.6657	4.6069
-0.80	0.5275	1.0002	2.5058	1.5018	1.6685	1.6646	4.6055
-0.60	0.7276	1.0003	2.5047	1.5051	1.6641	1.6664	4.6083
-0.40	0.9276	1.0005	2.5046	1.5032	1.6661	1.6651	4.6068
-0.20	1.1277	1.0007	2.5012	1.5037	1.6633	1.6673	4.6104
0.0	1.3279	1.0011	2.5021	1.5004	1.6676	1.6663	4.6101
0.20	1.5282	1.0018	2.5020	1.5019	1.6659	1.6676	4.6134
0.40	1.7287	1.0029	2.5021	1.5017	1.6661	1.6713	4.6210
0.60	1.9294	1.0046	2.4990	1.4989	1.6672	1.6723	4.6262
0.80	2.1306	1.0072	2.5002	1.5024	1.6641	1.6781	4.6405
1.00	2.3324	1.0115	2.5012	1.5028	1.6643	1.6823	4.6560
1.20	2.5353	1.0182	2.5002	1.5052	1.6610	1.6947	4.6886
1.40	2.7398	1.0288	2.5008	1.5053	1.6614	1.7081	4.7316
1.60	2.9468	1.0457	2.5019	1.5088	1.6583	1.7292	4.7997
1.80	3.1578	1.0725	2.5059	1.5153	1.6538	1.7647	4.9103
2.00	3.3746	1.1148	2.5129	1.5228	1.6501	1.8187	5.0823
2.20	3.6001	1.1820	2.5306	1.5354	1.6481	1.8998	5.3487
2.40	3.8375	1.2885	0.0	1.5584	0.0	0.0	0.0

T= 6000

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-5.00	-3.6572	1.0016	0.0	2.3347	0.0	0.0	0.0
-4.80	-3.4573	1.0013	3.2083	2.1627	1.4834	1.4796	4.4186
-4.60	-3.2574	1.0010	3.0619	2.0248	1.5122	1.5071	4.4589
-4.40	-3.0575	1.0008	2.9473	1.9180	1.5366	1.5337	4.4976
-4.20	-2.8576	1.0006	2.8529	1.8319	1.5574	1.5559	4.5297
-4.00	-2.6576	1.0005	2.7815	1.7631	1.5776	1.5744	4.5563
-3.80	-2.4577	1.0004	2.7236	1.7078	1.5947	1.5917	4.5810
-3.60	-2.2577	1.0003	2.6782	1.6642	1.6094	1.6051	4.6000
-3.40	-2.0577	1.0003	2.6417	1.6325	1.6182	1.6168	4.6167
-3.20	-1.8578	1.0002	2.6128	1.6037	1.6292	1.6247	4.6278
-3.00	-1.6578	1.0002	2.5879	1.5827	1.6351	1.6336	4.6403
-2.80	-1.4578	1.0001	2.5705	1.5650	1.6425	1.6400	4.6494
-2.60	-1.2578	1.0001	2.5567	1.5533	1.6459	1.6449	4.6562

T= 6000

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-2.40	-1.0578	1.0001	2.5448	1.5421	1.6502	1.6496	4.6628
-2.20	-0.8578	1.0001	2.5352	1.5350	1.6516	1.6535	4.6683
-2.00	-0.6578	1.0001	2.5293	1.5269	1.6565	1.6559	4.6717
-1.80	-0.4578	1.0001	2.5227	1.5193	1.6604	1.6582	4.6750
-1.60	-0.2578	1.0001	2.5176	1.5173	1.6592	1.6602	4.6778
-1.40	-0.0578	1.0001	2.5125	1.5122	1.6615	1.6594	4.6766
-1.20	0.1422	1.0001	2.5111	1.5108	1.6621	1.6604	4.6781
-1.00	0.3422	1.0001	2.5102	1.5105	1.6618	1.6619	4.6803
-0.80	0.5422	1.0002	2.5058	1.5061	1.6637	1.6647	4.6844
-0.60	0.7423	1.0003	2.5064	1.5064	1.6638	1.6634	4.6827
-0.40	0.9423	1.0005	2.5029	1.5049	1.6631	1.6657	4.6865
-0.20	1.1425	1.0007	2.5037	1.5028	1.6661	1.6672	4.6892
0.0	1.3426	1.0011	2.5007	1.5043	1.6624	1.6682	4.6916
0.20	1.5429	1.0018	2.5010	1.5014	1.6658	1.6693	4.6946
0.40	1.7434	1.0029	2.5019	1.5037	1.6638	1.6692	4.6970
0.60	1.9441	1.0046	2.5022	1.5023	1.6655	1.6736	4.7071
0.80	2.1453	1.0072	2.5024	1.5017	1.6664	1.6757	4.7163
1.00	2.3471	1.0114	2.5027	1.5021	1.6661	1.6818	4.7348
1.20	2.5500	1.0181	2.5025	1.5047	1.6631	1.6920	4.7648
1.40	2.7545	1.0287	2.5004	1.5062	1.6600	1.7071	4.8109
1.60	2.9615	1.0456	2.5038	1.5093	1.6589	1.7313	4.8843
1.80	3.1724	1.0722	2.5053	1.5124	1.6565	1.7666	4.9963
2.00	3.3892	1.1145	2.5110	1.5242	1.6474	1.8203	5.1706
2.20	3.6145	1.1814	2.5276	1.5370	1.6445	1.8983	5.4366
2.40	3.8519	1.2875	0.0	1.5559	0.0	0.0	0.0

T= 6200

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-5.00	-3.6424	1.0027	0.0	2.8120	0.0	0.0	0.0
-4.80	-3.4427	1.0022	3.6147	2.5435	1.4212	1.4178	4.3989
-4.60	-3.2429	1.0017	3.3847	2.3293	1.4531	1.4504	4.4481
-4.40	-3.0430	1.0014	3.2035	2.1596	1.4834	1.4801	4.4927
-4.20	-2.8431	1.0011	3.0611	2.0225	1.5135	1.5087	4.5352
-4.00	-2.6432	1.0009	2.9449	1.9171	1.5362	1.5344	4.5732
-3.80	-2.4433	1.0007	2.8549	1.8331	1.5574	1.5578	4.6076
-3.60	-2.2434	1.0005	2.7818	1.7634	1.5776	1.5767	4.6350
-3.40	-2.0434	1.0004	2.7227	1.7096	1.5926	1.5914	4.6563
-3.20	-1.8435	1.0003	2.6759	1.6669	1.6054	1.6058	4.6771
-3.00	-1.6435	1.0003	2.6409	1.6304	1.6198	1.6185	4.6954
-2.80	-1.4435	1.0002	2.6097	1.6055	1.6255	1.6263	4.7067
-2.60	-1.2435	1.0002	2.5883	1.5813	1.6368	1.6346	4.7184
-2.40	-1.0436	1.0001	2.5702	1.5667	1.6405	1.6417	4.7286
-2.20	-0.8436	1.0001	2.5576	1.5514	1.6487	1.6468	4.7360
-2.00	-0.6436	1.0001	2.5460	1.5429	1.6501	1.6485	4.7383
-1.80	-0.4436	1.0001	2.5358	1.5345	1.6525	1.6520	4.7434
-1.60	-0.2436	1.0001	2.5282	1.5286	1.6540	1.6546	4.7470
-1.40	-0.0436	1.0001	2.5204	1.5217	1.6564	1.6569	4.7504
-1.20	0.1564	1.0001	2.5162	1.5161	1.6596	1.6589	4.7534
-1.00	0.3564	1.0001	2.5134	1.5118	1.6625	1.6606	4.7558
-0.80	0.5565	1.0002	2.5116	1.5128	1.6602	1.6639	4.7607
-0.60	0.7565	1.0003	2.5084	1.5078	1.6637	1.6627	4.7592
-0.40	0.9566	1.0005	2.5062	1.5060	1.6641	1.6664	4.7649
-0.20	1.1567	1.0007	2.5036	1.5054	1.6631	1.6655	4.7642
0.0	1.3569	1.0011	2.5054	1.5016	1.6685	1.6682	4.7690

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                              T =    6200
LOG RHO    LOG P       Z       CP/R      CV/R     GAMMA    GAMMA-E    A/AA
  0.20     1.5572    1.0018   2.5035    1.5035   1.6652    1.6700    4.7732
  0.40     1.7576    1.0029   2.5004    1.5043   1.6622    1.6693    4.7748
  0.60     1.9584    1.0045   2.5014    1.5034   1.6638    1.6720    4.7826
  0.80     2.1595    1.0072   2.5001    1.5053   1.6609    1.6762    4.7949
  1.00     2.3613    1.0114   2.4990    1.5057   1.6597    1.6826    4.8141
  1.20     2.5642    1.0181   2.5018    1.5059   1.6614    1.6896    4.8400
  1.40     2.7687    1.0287   2.5038    1.5054   1.6632    1.7054    4.8878
  1.60     2.9757    1.0454   2.5044    1.5090   1.6597    1.7299    4.9627
  1.80     3.1866    1.0720   2.5054    1.5160   1.6526    1.7660    5.0775
  2.00     3.4033    1.1141   2.5111    1.5222   1.6497    1.8175    5.2512
  2.20     3.6286    1.1808   2.5281    1.5354   1.6465    1.8969    5.5229
  2.40     3.8658    1.2865   0.0       1.5561   0.0       0.0       0.0

                              T =    6400
LOG RHO    LOG P       Z       CP/R      CV/R     GAMMA    GAMMA-E    A/AA
 -5.00    -3.6279    1.0044   0.0       3.5096   0.0       0.0       0.0
 -4.80    -3.4283    1.0035   4.2150    3.0970   1.3610    1.3700    4.3961
 -4.60    -3.2286    1.0028   3.8607    2.7724   1.3926    1.4042    4.4490
 -4.40    -3.0289    1.0022   3.5818    2.5103   1.4268    1.4373    4.5000
 -4.20    -2.8291    1.0018   3.3573    2.3051   1.4564    1.4691    4.5484
 -4.00    -2.6292    1.0014   3.1820    2.1357   1.4899    1.4982    4.5925
 -3.80    -2.4293    1.0011   3.0414    2.0066   1.5157    1.5240    4.6311
 -3.60    -2.2294    1.0009   2.9253    1.9003   1.5394    1.5492    4.6688
 -3.40    -2.0295    1.0007   2.8413    1.8172   1.5635    1.5678    4.6963
 -3.20    -1.8296    1.0006   2.7759    1.7574   1.5796    1.5868    4.7243
 -3.00    -1.6296    1.0004   2.7139    1.7054   1.5913    1.6021    4.7467
 -2.80    -1.4297    1.0003   2.6728    1.6620   1.6082    1.6134    4.7633
 -2.60    -1.2297    1.0003   2.6351    1.6316   1.6150    1.6239    4.7785
 -2.40    -1.0297    1.0002   2.6087    1.6002   1.6302    1.6324    4.7909
 -2.20    -0.8297    1.0002   2.5838    1.5797   1.6356    1.6392    4.8008
 -2.00    -0.6298    1.0001   2.5639    1.5608   1.6426    1.6454    4.8098
 -1.80    -0.4298    1.0001   2.5523    1.5521   1.6444    1.6506    4.8173
 -1.60    -0.2298    1.0001   2.5444    1.5377   1.6546    1.6542    4.8225
 -1.40    -0.0298    1.0001   2.5380    1.5306   1.6582    1.6577    4.8277
 -1.20     0.1702    1.0001   2.5264    1.5248   1.6559    1.6602    4.8313
 -1.00     0.3702    1.0002   2.5191    1.5227   1.6544    1.6622    4.8342
 -0.80     0.5703    1.0002   2.5179    1.5119   1.6654    1.6601    4.8314
 -0.60     0.7703    1.0003   2.5120    1.5131   1.6602    1.6608    4.8326
 -0.40     0.9704    1.0005   2.5128    1.5113   1.6626    1.6630    4.8362
 -0.20     1.1705    1.0007   2.5132    1.5062   1.6685    1.6643    4.8387
  0.0      1.3707    1.0011   2.5074    1.5113   1.6591    1.6651    4.8409
  0.20     1.5710    1.0018   2.5051    1.5059   1.6636    1.6667    4.8448
  0.40     1.7714    1.0029   2.5063    1.5006   1.6702    1.6725    4.8558
  0.60     1.9721    1.0045   2.5032    1.5072   1.6609    1.6713    4.8581
  0.80     2.1733    1.0072   2.5059    1.5009   1.6696    1.6757    4.8709
  1.00     2.3751    1.0114   2.5053    1.5013   1.6688    1.6817    4.8898
  1.20     2.5779    1.0180   2.5014    1.5020   1.6654    1.6924    4.9213
  1.40     2.7824    1.0286   2.5022    1.5098   1.6573    1.7040    4.9636
  1.60     2.9894    1.0453   2.5027    1.5117   1.6556    1.7282    5.0392
  1.80     3.2003    1.0717   2.5053    1.5157   1.6530    1.7606    5.1503
  2.00     3.4169    1.1137   2.5139    1.5251   1.6483    1.8155    5.3314
  2.20     3.6421    1.1802   2.5238    1.5386   1.6403    1.8902    5.5999
  2.40     3.8793    1.2856   0.0       1.5595   0.0       0.0       0.0
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T = 6500

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-5.00	-3.6207	1.0055	0.0	3.9574	0.0	0.0	0.0
-4.80	-3.4212	1.0044	4.5988	3.4539	1.3315	1.3267	4.3618
-4.60	-3.2216	1.0035	4.1659	3.0544	1.3639	1.3603	4.4147
-4.40	-3.0219	1.0028	3.8250	2.7354	1.3983	1.3979	4.4738
-4.20	-2.8221	1.0022	3.5519	2.4824	1.4308	1.4295	4.5226
-4.00	-2.6223	1.0018	3.3362	2.2808	1.4627	1.4608	4.5709
-3.80	-2.4225	1.0014	3.1634	2.1172	1.4941	1.4895	4.6147
-3.60	-2.2226	1.0011	3.0271	1.9925	1.5193	1.5147	4.6529
-3.40	-2.0227	1.0009	2.9192	1.8924	1.5426	1.5402	4.6914
-3.20	-1.8228	1.0007	2.8327	1.8083	1.5665	1.5639	4.7270
-3.00	-1.6228	1.0006	2.7645	1.7502	1.5796	1.5787	4.7489
-2.80	-1.4229	1.0004	2.7114	1.6981	1.5967	1.5981	4.7777
-2.60	-1.2229	1.0003	2.6684	1.6561	1.6112	1.6084	4.7929
-2.40	-1.0230	1.0003	2.6331	1.6247	1.6206	1.6197	4.8095
-2.20	-0.8230	1.0002	2.6035	1.6011	1.6260	1.6290	4.8231
-2.00	-0.6230	1.0002	2.5826	1.5801	1.6345	1.6374	4.8355
-1.80	-0.4230	1.0002	2.5636	1.5583	1.6452	1.6429	4.8436
-1.60	-0.2230	1.0001	2.5537	1.5486	1.6491	1.6493	4.8530
-1.40	-0.0230	1.0001	2.5435	1.5417	1.6498	1.6523	4.8573
-1.20	0.1770	1.0001	2.5322	1.5313	1.6537	1.6548	4.8610
-1.00	0.3770	1.0002	2.5251	1.5285	1.6520	1.6582	4.8660
-0.80	0.5770	1.0002	2.5213	1.5210	1.6577	1.6554	4.8621
-0.60	0.7770	1.0003	2.5180	1.5136	1.6636	1.6626	4.8729
-0.40	0.9771	1.0005	2.5147	1.5143	1.6607	1.6634	4.8745
-0.20	1.1772	1.0007	2.5105	1.5105	1.6621	1.6646	4.8769
0.0	1.3774	1.0011	2.5063	1.5111	1.6586	1.6606	4.8720
0.20	1.5777	1.0018	2.5071	1.5072	1.6634	1.6632	4.8774
0.40	1.7782	1.0029	2.5070	1.5037	1.6673	1.6706	4.8909
0.60	1.9789	1.0045	2.5079	1.5038	1.6678	1.6722	4.8972
0.80	2.1800	1.0072	2.5044	1.5043	1.6648	1.6726	4.9042
1.00	2.3818	1.0113	2.5031	1.5047	1.6635	1.6791	4.9240
1.20	2.5847	1.0180	2.5008	1.5054	1.6612	1.6944	4.9625
1.40	2.7891	1.0285	2.5009	1.5062	1.6604	1.7051	5.0038
1.60	2.9961	1.0452	2.5025	1.5119	1.6552	1.7280	5.0779
1.80	3.2069	1.0716	2.5056	1.5142	1.6547	1.7612	5.1909
2.00	3.4236	1.1135	2.5086	1.5221	1.6482	1.8225	5.3827
2.20	3.6487	1.1799	2.5251	1.5362	1.6437	1.8988	5.6556
2.40	3.8858	1.2851	0.0	1.5532	0.0	0.0	0.0

T = 6600

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-5.00	-3.6135	1.0069	0.0	4.4857	0.0	0.0	0.0
-4.80	-3.4141	1.0055	5.0651	3.8753	1.3070	1.2891	4.3348
-4.60	-3.2146	1.0044	4.5268	3.3888	1.3358	1.3209	4.3856
-4.40	-3.0149	1.0035	4.1101	3.0008	1.3697	1.3545	4.4390
-4.20	-2.8153	1.0028	3.7825	2.6906	1.4058	1.3888	4.4932
-4.00	-2.6155	1.0022	3.5175	2.4514	1.4349	1.4217	4.5448
-3.80	-2.4157	1.0017	3.3099	2.2528	1.4692	1.4552	4.5970
-3.60	-2.2159	1.0014	3.1471	2.1030	1.4965	1.4834	4.6405
-3.40	-2.0160	1.0011	3.0120	1.9799	1.5212	1.5110	4.6829
-3.20	-1.8161	1.0009	2.9012	1.8737	1.5484	1.5379	4.7238
-3.00	-1.6162	1.0007	2.8260	1.8002	1.5698	1.5586	4.7550
-2.80	-1.4162	1.0006	2.7570	1.7386	1.5858	1.5779	4.7841
-2.60	-1.2163	1.0004	2.7058	1.6862	1.6047	1.5922	4.8055

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T= 6600

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-2.40	-1.0163	1.0003	2.6610	1.6546	1.6082	1.6061	4.8262
-2.20	-0.8163	1.0003	2.6285	1.6221	1.6204	1.6189	4.8452
-2.00	-0.6164	1.0002	2.6043	1.5992	1.6285	1.6284	4.8592
-1.80	-0.4164	1.0002	2.5812	1.5720	1.6420	1.6334	4.8667
-1.60	-0.2164	1.0002	2.5634	1.5614	1.6418	1.6400	4.8764
-1.40	-0.0164	1.0002	2.5493	1.5526	1.6419	1.6451	4.8839
-1.20	0.1836	1.0002	2.5414	1.5388	1.6515	1.6498	4.8909
-1.00	0.3836	1.0002	2.5338	1.5297	1.6564	1.6530	4.8957
-0.80	0.5836	1.0002	2.5243	1.5297	1.6501	1.6561	4.9004
-0.60	0.7837	1.0003	2.5221	1.5174	1.6621	1.6622	4.9096
-0.40	0.9838	1.0005	2.5161	1.5149	1.6609	1.6609	4.9081
-0.20	1.1839	1.0007	2.5094	1.5147	1.6566	1.6623	4.9108
0.0	1.3840	1.0012	2.5099	1.5066	1.6659	1.6638	4.9141
0.20	1.5843	1.0018	2.5088	1.5080	1.6637	1.6655	4.9182
0.40	1.7848	1.0029	2.5062	1.5082	1.6617	1.6645	4.9193
0.60	1.9855	1.0045	2.5063	1.5015	1.6692	1.6718	4.9342
0.80	2.1866	1.0072	2.5018	1.5075	1.6595	1.6753	4.9458
1.00	2.3884	1.0113	2.5000	1.5079	1.6579	1.6824	4.9665
1.20	2.5913	1.0180	2.5011	1.5086	1.6579	1.6888	4.9923
1.40	2.7957	1.0285	2.5011	1.5047	1.6622	1.7082	5.0466
1.60	3.0027	1.0451	2.5019	1.5104	1.6565	1.7285	5.1175
1.80	3.2135	1.0715	2.5068	1.5149	1.6548	1.7668	5.2387
2.00	3.4302	1.1133	2.5077	1.5206	1.6492	1.8193	5.4186
2.20	3.6553	1.1796	2.5285	1.5332	1.6492	1.8970	5.6955
2.40	3.8923	1.2846	0.0	1.5530	0.0	0.0	0.0

T= 6800

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-5.00	-3.5989	1.0107	0.0	5.8286	0.0	0.0	0.0
-4.80	-3.3998	1.0085	6.2141	4.9457	1.2565	1.2517	4.3421
-4.60	-3.2006	1.0067	5.4565	4.2414	1.2865	1.2818	4.3903
-4.40	-3.0012	1.0054	4.8480	3.6829	1.3164	1.3127	4.4398
-4.20	-2.8016	1.0043	4.3647	3.2350	1.3492	1.3469	4.4949
-4.00	-2.6020	1.0034	3.9838	2.8789	1.3838	1.3800	4.5478
-3.80	-2.4023	1.0027	3.6786	2.5991	1.4153	1.4131	4.6004
-3.60	-2.2026	1.0021	3.4367	2.3697	1.4503	1.4472	4.6542
-3.40	-2.0028	1.0017	3.2445	2.1916	1.4804	1.4776	4.7019
-3.20	-1.8029	1.0013	3.0936	2.0535	1.5065	1.5063	4.7465
-3.00	-1.6030	1.0011	2.9671	1.9357	1.5328	1.5324	4.7867
-2.80	-1.4031	1.0008	2.8725	1.8451	1.5568	1.5543	4.8203
-2.60	-1.2032	1.0007	2.7956	1.7765	1.5737	1.5732	4.8490
-2.40	-1.0033	1.0005	2.7371	1.7171	1.5941	1.5887	4.8726
-2.20	-0.8033	1.0004	2.6890	1.6720	1.6082	1.6034	4.8948
-2.00	-0.6033	1.0003	2.6480	1.6378	1.6168	1.6157	4.9134
-1.80	-0.4034	1.0003	2.6202	1.6136	1.6238	1.6268	4.9300
-1.60	-0.2034	1.0002	2.5936	1.5883	1.6330	1.6327	4.9388
-1.40	-0.0034	1.0002	2.5749	1.5669	1.6433	1.6395	4.9491
-1.20	0.1966	1.0002	2.5593	1.5561	1.6447	1.6456	4.9583
-1.00	0.3966	1.0002	2.5484	1.5428	1.6518	1.6498	4.9646
-0.80	0.5966	1.0003	2.5372	1.5330	1.6550	1.6535	4.9703
-0.60	0.7967	1.0003	2.5286	1.5300	1.6526	1.6562	4.9746
-0.40	0.9967	1.0005	2.5217	1.5215	1.6574	1.6565	4.9754
-0.20	1.1968	1.0008	2.5222	1.5173	1.6623	1.6589	4.9797
0.0	1.3970	1.0012	2.5154	1.5152	1.6601	1.6636	4.9877

T= 6800

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
0.20	1.5973	1.0018	2.5125	1.5138	1.6598	1.6654	4.9920
0.40	1.7977	1.0029	2.5092	1.5088	1.6630	1.6652	4.9943
0.60	1.9985	1.0045	2.5067	1.5110	1.6590	1.6693	5.0045
0.80	2.1996	1.0071	2.5067	1.5050	1.6655	1.6761	5.0213
1.00	2.4014	1.0113	2.5071	1.5059	1.6648	1.6826	5.0414
1.20	2.6042	1.0179	2.5038	1.5066	1.6620	1.6901	5.0691
1.40	2.8087	1.0284	2.5029	1.5097	1.6578	1.7051	5.1177
1.60	3.0156	1.0450	2.5023	1.5099	1.6573	1.7274	5.1924
1.80	3.2264	1.0712	2.5027	1.5147	1.6523	1.7636	5.3121
2.00	3.4430	1.1129	2.5121	1.5265	1.6457	1.8133	5.4902
2.20	3.6680	1.1790	2.5230	1.5389	1.6394	1.8920	5.7721
2.40	3.9049	1.2836	0.0	1.5596	0.0	0.0	0.0

T= 7000

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-5.00	-3.5840	1.0160	0.0	7.6234	0.0	0.0	0.0
-4.80	-3.3854	1.0127	7.7835	6.3784	1.2203	1.2123	4.3448
-4.60	-3.1865	1.0101	6.7006	5.3857	1.2441	1.2378	4.3846
-4.40	-2.9874	1.0080	5.8431	4.5924	1.2723	1.2665	4.4305
-4.20	-2.7881	1.0064	5.1570	3.9634	1.3012	1.2970	4.4799
-4.00	-2.5887	1.0051	4.6113	3.4580	1.3335	1.3296	4.5329
-3.80	-2.3892	1.0040	4.1771	3.0566	1.3666	1.3627	4.5867
-3.60	-2.1895	1.0032	3.8356	2.7388	1.4005	1.3979	4.6436
-3.40	-1.9898	1.0025	3.5596	2.4823	1.4340	1.4316	4.6976
-3.20	-1.7900	1.0020	3.3406	2.2816	1.4642	1.4614	4.7450
-3.00	-1.5902	1.0016	3.1701	2.1224	1.4937	1.4914	4.7924
-2.80	-1.3903	1.0013	3.0325	1.9959	1.5194	1.5167	4.8322
-2.60	-1.1905	1.0010	2.9234	1.8921	1.5450	1.5425	4.8724
-2.40	-0.9906	1.0008	2.8353	1.8106	1.5659	1.5633	4.9047
-2.20	-0.7906	1.0006	2.7678	1.7472	1.5841	1.5808	4.9317
-2.00	-0.5907	1.0005	2.7147	1.6975	1.5992	1.5972	4.9569
-1.80	-0.3907	1.0004	2.6673	1.6553	1.6113	1.6105	4.9773
-1.60	-0.1908	1.0003	2.6323	1.6250	1.6199	1.6197	4.9912
-1.40	0.0092	1.0003	2.6058	1.5992	1.6294	1.6293	5.0059
-1.20	0.2092	1.0003	2.5843	1.5779	1.6378	1.6369	5.0175
-1.00	0.4092	1.0003	2.5678	1.5636	1.6422	1.6430	5.0268
-0.80	0.6092	1.0003	2.5537	1.5484	1.6493	1.6486	5.0354
-0.60	0.8093	1.0004	2.5422	1.5383	1.6526	1.6499	5.0376
-0.40	1.0093	1.0005	2.5346	1.5319	1.6546	1.6558	5.0471
-0.20	1.2094	1.0008	2.5263	1.5269	1.6545	1.6590	5.0525
0.0	1.4096	1.0012	2.5203	1.5210	1.6570	1.6593	5.0540
0.20	1.6099	1.0018	2.5175	1.5145	1.6623	1.6620	5.0597
0.40	1.8103	1.0029	2.5134	1.5130	1.6612	1.6676	5.0709
0.60	2.0110	1.0045	2.5117	1.5118	1.6615	1.6685	5.0764
0.80	2.2122	1.0071	2.5068	1.5112	1.6589	1.6729	5.0897
1.00	2.4140	1.0113	2.5080	1.5091	1.6620	1.6805	5.1117
1.20	2.6168	1.0178	2.5060	1.5104	1.6592	1.6904	5.1434
1.40	2.8212	1.0283	2.5050	1.5075	1.6617	1.7032	5.1893
1.60	3.0281	1.0448	2.5042	1.5125	1.6557	1.7268	5.2669
1.80	3.2389	1.0710	2.5056	1.5171	1.6516	1.7600	5.3836
2.00	3.4554	1.1125	2.5117	1.5233	1.6489	1.8123	5.5679
2.20	3.6804	1.1784	2.5235	1.5361	1.6428	1.8906	5.8526
2.40	3.9172	1.2827	0.0	1.5569	0.0	0.0	0.0

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-5.00	-3.5686	1.0234	0.0	9.9693	0.0	0.0	0.0
-4.80	-3.3706	1.0187	9.8508	8.2652	1.1918	1.1823	4.3643
-4.60	-3.1723	1.0148	8.3555	6.8942	1.2120	1.2033	4.3946
-4.40	-2.9736	1.0118	7.1588	5.7986	1.2346	1.2275	4.4319
-4.20	-2.7746	1.0094	6.2081	4.9225	1.2612	1.2550	4.4760
-4.00	-2.5754	1.0075	5.4478	4.2228	1.2901	1.2845	4.5240
-3.80	-2.3761	1.0059	4.8424	3.6680	1.3202	1.3166	4.5767
-3.60	-2.1766	1.0047	4.3610	3.2248	1.3523	1.3499	4.6314
-3.40	-1.9770	1.0037	3.9827	2.8743	1.3856	1.3838	4.6869
-3.20	-1.7774	1.0030	3.6778	2.5891	1.4205	1.4161	4.7394
-3.00	-1.5776	1.0024	3.4352	2.3665	1.4516	1.4484	4.7917
-2.80	-1.3779	1.0019	3.2431	2.1905	1.4806	1.4786	4.8403
-2.60	-1.1780	1.0015	3.0891	2.0506	1.5065	1.5084	4.8879
-2.40	-0.9782	1.0012	2.9690	1.9366	1.5331	1.5343	4.9289
-2.20	-0.7783	1.0009	2.8724	1.8490	1.5535	1.5540	4.9599
-2.00	-0.5783	1.0008	2.7978	1.7754	1.5758	1.5745	4.9920
-1.80	-0.3784	1.0006	2.7349	1.7193	1.5907	1.5897	5.0157
-1.60	-0.1785	1.0005	2.6879	1.6722	1.6074	1.6044	5.0384
-1.40	0.0215	1.0004	2.6495	1.6376	1.6179	1.6169	5.0578
-1.20	0.2215	1.0004	2.6202	1.6097	1.6277	1.6248	5.0701
-1.00	0.4215	1.0003	2.5935	1.5887	1.6324	1.6332	5.0832
-0.80	0.6215	1.0004	2.5759	1.5691	1.6416	1.6407	5.0949
-0.60	0.8215	1.0004	2.5612	1.5561	1.6460	1.6445	5.1009
-0.40	1.0216	1.0006	2.5480	1.5446	1.6496	1.6511	5.1115
-0.20	1.2217	1.0008	2.5388	1.5334	1.6557	1.6547	5.1177
0.0	1.4218	1.0012	2.5301	1.5268	1.6572	1.6586	5.1246
0.20	1.6221	1.0018	2.5243	1.5213	1.6593	1.6596	5.1278
0.40	1.8226	1.0029	2.5216	1.5203	1.6587	1.6652	5.1391
0.60	2.0233	1.0045	2.5134	1.5129	1.6613	1.6692	5.1494
0.80	2.2244	1.0071	2.5113	1.5108	1.6623	1.6714	5.1596
1.00	2.4262	1.0112	2.5071	1.5103	1.6600	1.6783	5.1808
1.20	2.6290	1.0178	2.5093	1.5085	1.6634	1.6893	5.2145
1.40	2.8334	1.0282	2.5074	1.5143	1.6558	1.7041	5.2640
1.60	3.0403	1.0447	2.5063	1.5156	1.6537	1.7256	5.3394
1.80	3.2510	1.0708	2.5088	1.5210	1.6494	1.7591	5.4579
2.00	3.4675	1.1122	2.5097	1.5240	1.6467	1.8141	5.6487
2.20	3.6924	1.1778	2.5265	1.5382	1.6425	1.8885	5.9309
2.40	3.9291	1.2817	0.0	1.5602	0.0	0.0	0.0

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-5.00	-3.5524	1.0336	0.0	12.9709	0.0	0.0	0.0
-4.80	-3.3553	1.0268	12.5454	10.6710	1.1757	1.1625	4.4047
-4.60	-3.1576	1.0213	10.4985	8.8327	1.1886	1.1806	4.4270
-4.40	-2.9595	1.0170	8.8678	7.3455	1.2072	1.2022	4.4578
-4.20	-2.7609	1.0135	7.5664	6.1652	1.2273	1.2264	4.4948
-4.00	-2.5621	1.0107	6.5368	5.2198	1.2523	1.2530	4.5372
-3.80	-2.3631	1.0085	5.7131	4.4575	1.2817	1.2836	4.5872
-3.60	-2.1638	1.0068	5.0547	3.8568	1.3106	1.3149	4.6388
-3.40	-1.9644	1.0054	4.5300	3.3720	1.3434	1.3463	4.6906
-3.20	-1.7649	1.0043	4.1168	2.9964	1.3739	1.3826	4.7507
-3.00	-1.5653	1.0034	3.7875	2.6880	1.4090	1.4143	4.8028
-2.80	-1.3656	1.0027	3.5241	2.4419	1.4432	1.4500	4.8614
-2.60	-1.1658	1.0022	3.3153	2.2501	1.4734	1.4783	4.9071

T= 7400

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-2.40	-0.9660	1.0017	3.1444	2.0981	1.4987	1.5063	4.9524
-2.20	-0.7662	1.0014	3.0112	1.9734	1.5258	1.5344	4.9975
-2.00	-0.5663	1.0011	2.9036	1.8738	1.5496	1.5523	5.0259
-1.80	-0.3664	1.0009	2.8254	1.8003	1.5694	1.5722	5.0575
-1.60	-0.1665	1.0007	2.7570	1.7402	1.5843	1.5920	5.0887
-1.40	0.0335	1.0006	2.7080	1.6929	1.5997	1.6065	5.1115
-1.20	0.2334	1.0005	2.6634	1.6503	1.6139	1.6151	5.1250
-1.00	0.4334	1.0004	2.6304	1.6198	1.6240	1.6257	5.1416
-0.80	0.6334	1.0004	2.6034	1.5968	1.6304	1.6337	5.1542
-0.60	0.8334	1.0005	2.5805	1.5768	1.6365	1.6412	5.1662
-0.40	1.0335	1.0006	2.5672	1.5585	1.6472	1.6440	5.1710
-0.20	1.2336	1.0008	2.5484	1.5514	1.6426	1.6479	5.1776
0.0	1.4338	1.0012	2.5440	1.5371	1.6550	1.6560	5.1914
0.20	1.6340	1.0019	2.5317	1.5307	1.6540	1.6604	5.1999
0.40	1.8345	1.0029	2.5235	1.5238	1.6560	1.6602	5.2023
0.60	2.0352	1.0045	2.5225	1.5221	1.6572	1.6646	5.2134
0.80	2.2363	1.0071	2.5216	1.5219	1.6568	1.6698	5.2282
1.00	2.4381	1.0112	2.5142	1.5163	1.6581	1.6774	5.2507
1.20	2.6409	1.0177	2.5081	1.5153	1.6552	1.6874	5.2834
1.40	2.8453	1.0281	2.5083	1.5116	1.6593	1.7026	5.3340
1.60	3.0521	1.0445	2.5110	1.5136	1.6590	1.7227	5.4080
1.80	3.2628	1.0705	2.5052	1.5163	1.6522	1.7591	5.5326
2.00	3.4793	1.1118	2.5177	1.5275	1.6482	1.8101	5.7193
2.20	3.7041	1.1772	2.5240	1.5371	1.6420	1.8859	6.0071
2.40	3.9407	1.2808	0.0	1.5568	0.0	0.0	0.0

T= 7500

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-5.00	-3.5440	1.0399	0.0	14.7386	0.0	0.0	0.0
-4.80	-3.3473	1.0318	14.1382	12.1056	1.1679	1.1511	4.4233
-4.60	-3.1501	1.0253	11.7906	9.9845	1.1809	1.1665	4.4389
-4.40	-2.9523	1.0202	9.9039	8.2759	1.1967	1.1851	4.4628
-4.20	-2.7540	1.0161	8.3901	6.9075	1.2146	1.2048	4.4907
-4.00	-2.5554	1.0128	7.1833	5.8118	1.2360	1.2283	4.5269
-3.80	-2.3565	1.0102	6.2314	4.9307	1.2638	1.2568	4.5733
-3.60	-2.1574	1.0081	5.4663	4.2335	1.2912	1.2865	4.6222
-3.40	-1.9582	1.0064	4.8594	3.6730	1.3230	1.3162	4.6715
-3.20	-1.7587	1.0051	4.3766	3.2306	1.3547	1.3497	4.7273
-3.00	-1.5592	1.0041	3.9928	2.8783	1.3872	1.3850	4.7864
-2.80	-1.3595	1.0032	3.6889	2.5944	1.4219	1.4187	4.8422
-2.60	-1.1598	1.0026	3.4437	2.3667	1.4551	1.4483	4.8908
-2.40	-0.9601	1.0020	3.2494	2.1934	1.4814	1.4804	4.9435
-2.20	-0.7602	1.0016	3.0972	2.0465	1.5134	1.5065	4.9859
-2.00	-0.5604	1.0013	2.9709	1.9378	1.5331	1.5343	5.0308
-1.80	-0.3605	1.0010	2.8783	1.8483	1.5572	1.5538	5.0620
-1.60	-0.1606	1.0008	2.7985	1.7752	1.5765	1.5747	5.0955
-1.40	0.0394	1.0007	2.7393	1.7235	1.5893	1.5937	5.1256
-1.20	0.2393	1.0006	2.6896	1.6741	1.6066	1.6081	5.1486
-1.00	0.4393	1.0005	2.6507	1.6376	1.6186	1.6202	5.1677
-0.80	0.6393	1.0005	2.6177	1.6138	1.6221	1.6297	5.1828
-0.60	0.8393	1.0005	2.5920	1.5844	1.6360	1.6375	5.1953
-0.40	1.0393	1.0006	2.5758	1.5734	1.6370	1.6400	5.1995
-0.20	1.2394	1.0009	2.5584	1.5571	1.6430	1.6460	5.2095
0.0	1.4396	1.0012	2.5499	1.5445	1.6509	1.6512	5.2188

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T= 7500

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
0.20	1.6399	1.0019	2.5375	1.5363	1.6517	1.6566	5.2290
0.40	1.8403	1.0029	2.5289	1.5285	1.6545	1.6614	5.2391
0.60	2.0410	1.0045	2.5251	1.5252	1.6555	1.6653	5.2496
0.80	2.2421	1.0071	2.5212	1.5214	1.6571	1.6703	5.2641
1.00	2.4439	1.0112	2.5172	1.5175	1.6588	1.6718	5.2772
1.20	2.6467	1.0177	2.5133	1.5188	1.6547	1.6815	5.3095
1.40	2.8511	1.0281	2.5086	1.5156	1.6552	1.6994	5.3647
1.60	3.0579	1.0444	2.5055	1.5175	1.6511	1.7275	5.4519
1.80	3.2686	1.0704	2.5108	1.5205	1.6513	1.7603	5.5715
2.00	3.4850	1.1116	2.5189	1.5296	1.6468	1.8089	5.7555
2.20	3.7098	1.1769	2.5286	1.5409	1.6409	1.8813	6.0394
2.40	3.9464	1.2803	0.0	1.5612	0.0	0.0	0.0

T= 7600

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-5.00	-3.5352	1.0471	0.0	16.7049	0.0	0.0	0.0
-4.80	-3.3391	1.0376	15.8594	13.7072	1.1570	1.1409	4.4454
-4.60	-3.1423	1.0300	13.2339	11.2671	1.1746	1.1543	4.4550
-4.40	-2.9449	1.0239	11.0557	9.3180	1.1865	1.1703	4.4726
-4.20	-2.7470	1.0190	9.3154	7.7372	1.2040	1.1884	4.4962
-4.00	-2.5487	1.0152	7.9201	6.4730	1.2235	1.2093	4.5271
-3.80	-2.3500	1.0121	6.8145	5.4653	1.2469	1.2333	4.5646
-3.60	-2.1510	1.0096	5.9307	4.6567	1.2736	1.2599	4.6080
-3.40	-1.9519	1.0076	5.2312	4.0158	1.3027	1.2912	4.6604
-3.20	-1.7526	1.0061	4.6709	3.4974	1.3356	1.3211	4.7104
-3.00	-1.5531	1.0048	4.2231	3.0916	1.3660	1.3552	4.7679
-2.80	-1.3535	1.0038	3.8697	2.7666	1.3987	1.3870	4.8211
-2.60	-1.1539	1.0030	3.5881	2.5055	1.4321	1.4203	4.8767
-2.40	-0.9541	1.0024	3.3693	2.2997	1.4651	1.4556	4.9353
-2.20	-0.7544	1.0019	3.1916	2.1362	1.4940	1.4832	4.9808
-2.00	-0.5545	1.0015	3.0508	2.0095	1.5182	1.5102	5.0249
-1.80	-0.3547	1.0012	2.9370	1.9039	1.5426	1.5347	5.0647
-1.60	-0.1548	1.0010	2.8484	1.8182	1.5666	1.5575	5.1015
-1.40	0.0452	1.0008	2.7732	1.7535	1.5816	1.5749	5.1296
-1.20	0.2451	1.0007	2.7178	1.7025	1.5963	1.5929	5.1584
-1.00	0.4451	1.0006	2.6746	1.6599	1.6113	1.6049	5.1776
-0.80	0.6451	1.0006	2.6376	1.6296	1.6186	1.6172	5.1973
-0.60	0.8451	1.0006	2.6111	1.5997	1.6322	1.6272	5.2133
-0.40	1.0451	1.0007	2.5854	1.5854	1.6307	1.6351	5.2263
-0.20	1.2452	1.0009	2.5724	1.5618	1.6471	1.6424	5.2386
0.0	1.4454	1.0013	2.5545	1.5540	1.6439	1.6487	5.2495
0.20	1.6456	1.0019	2.5458	1.5449	1.6479	1.6501	5.2533
0.40	1.8461	1.0029	2.5362	1.5350	1.6522	1.6592	5.2706
0.60	2.0468	1.0045	2.5282	1.5257	1.6571	1.6639	5.2821
0.80	2.2479	1.0071	2.5189	1.5182	1.6592	1.6698	5.2983
1.00	2.4496	1.0112	2.5186	1.5189	1.6581	1.6738	5.3155
1.20	2.6524	1.0177	2.5162	1.5181	1.6574	1.6859	5.3517
1.40	2.8568	1.0280	2.5118	1.5190	1.6535	1.7017	5.4040
1.60	3.0637	1.0444	2.5029	1.5214	1.6452	1.7250	5.4840
1.80	3.2743	1.0703	2.5130	1.5245	1.6484	1.7588	5.6057
2.00	3.4907	1.1114	2.5126	1.5292	1.6431	1.8094	5.7941
2.20	3.7154	1.1766	2.5299	1.5454	1.6371	1.8852	6.0851
2.40	3.9520	1.2799	0.0	1.5659	0.0	0.0	0.0

T= 7800

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-5.00	-3.5166	1.0649	0.0	21.2489	0.0	0.0	0.0
-4.80	-3.3219	1.0519	20.2757	17.4106	1.1646	1.1312	4.5152
-4.60	-3.1263	1.0414	16.6302	14.2806	1.1645	1.1421	4.5142
-4.40	-2.9298	1.0331	13.7820	11.7403	1.1739	1.1553	4.5220
-4.20	-2.7326	1.0264	11.4992	9.6942	1.1862	1.1711	4.5380
-4.00	-2.5349	1.0210	9.6737	8.0469	1.2022	1.1899	4.5623
-3.80	-2.3367	1.0167	8.2119	6.7269	1.2208	1.2116	4.5941
-3.60	-2.1382	1.0133	7.0471	5.6689	1.2431	1.2352	4.6307
-3.40	-1.9393	1.0106	6.1161	4.8209	1.2687	1.2625	4.6753
-3.20	-1.7403	1.0084	5.3787	4.1463	1.2972	1.2922	4.7250
-3.00	-1.5410	1.0067	4.7909	3.6068	1.3283	1.3235	4.7777
-2.80	-1.3416	1.0053	4.3195	3.1767	1.3598	1.3561	4.8329
-2.60	-1.1421	1.0042	3.9480	2.8342	1.3930	1.3908	4.8918
-2.40	-0.9424	1.0034	3.6511	2.5598	1.4263	1.4228	4.9455
-2.20	-0.7427	1.0027	3.4149	2.3470	1.4550	1.4565	5.0020
-2.00	-0.5430	1.0021	3.2285	2.1697	1.4880	1.4855	5.0503
-1.80	-0.3432	1.0017	3.0795	2.0311	1.5162	1.5132	5.0960
-1.60	-0.1433	1.0014	2.9615	1.9256	1.5379	1.5377	5.1363
-1.40	0.0566	1.0011	2.8652	1.8361	1.5605	1.5561	5.1663
-1.20	0.2565	1.0009	2.7901	1.7689	1.5773	1.5761	5.1989
-1.00	0.4564	1.0008	2.7316	1.7153	1.5925	1.5918	5.2243
-0.80	0.6564	1.0007	2.6860	1.6699	1.6085	1.6063	5.2478
-0.60	0.8564	1.0007	2.6491	1.6379	1.6174	1.6179	5.2667
-0.40	1.0564	1.0008	2.6188	1.6061	1.6306	1.6282	5.2837
-0.20	1.2565	1.0010	2.5940	1.5872	1.6344	1.6344	5.2943
0.0	1.4567	1.0013	2.5750	1.5697	1.6404	1.6411	5.3060
0.20	1.6569	1.0019	2.5590	1.5542	1.6465	1.6473	5.3177
0.40	1.8574	1.0029	2.5476	1.5438	1.6501	1.6533	5.3299
0.60	2.0581	1.0045	2.5371	1.5363	1.6514	1.6594	5.3440
0.80	2.2592	1.0071	2.5312	1.5312	1.6531	1.6657	5.3610
1.00	2.4609	1.0112	2.5235	1.5245	1.6553	1.6745	5.3860
1.20	2.6637	1.0176	2.5163	1.5203	1.6551	1.6861	5.4220
1.40	2.8681	1.0279	2.5142	1.5188	1.6554	1.6989	5.4699
1.60	3.0749	1.0442	2.5151	1.5189	1.6559	1.7202	5.5476
1.80	3.2855	1.0701	2.5108	1.5220	1.6497	1.7561	5.6741
2.00	3.5018	1.1111	2.5149	1.5324	1.6412	1.8072	5.8652
2.20	3.7265	1.1760	2.5261	1.5411	1.6391	1.8838	6.1608
2.40	3.9630	1.2790	0.0	1.5619	0.0	0.0	0.0

T= 8000

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-5.00	-3.4964	1.0876	0.0	26.6209	0.0	0.0	0.0
-4.80	-3.3034	1.0703	0.0	21.8429	0.0	1.1222	4.5941
-4.60	-3.1091	1.0562	20.7962	17.9123	1.1610	1.1315	4.5826
-4.40	-2.9138	1.0449	17.1420	14.6941	1.1666	1.1424	4.5801
-4.20	-2.7176	1.0359	14.2007	12.0861	1.1750	1.1552	4.5855
-4.00	-2.5207	1.0286	11.8368	9.9736	1.1868	1.1706	4.5997
-3.80	-2.3231	1.0228	9.9434	8.2764	1.2014	1.1884	4.6216
-3.60	-2.1251	1.0181	8.4314	6.9102	1.2201	1.2097	4.6522
-3.40	-1.9267	1.0144	7.2205	5.8155	1.2416	1.2332	4.6886
-3.20	-1.7280	1.0115	6.2569	4.9393	1.2668	1.2600	4.7324
-3.00	-1.5290	1.0091	5.4887	4.2397	1.2946	1.2884	4.7799
-2.80	-1.3298	1.0073	4.8779	3.6843	1.3240	1.3196	4.8329
-2.60	-1.1304	1.0058	4.3936	3.2367	1.3574	1.3535	4.8909

T= 8000

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-2.40	-0.9309	1.0046	4.0034	2.8848	1.3878	1.3852	4.9451
-2.20	-0.7313	1.0037	3.6965	2.5978	1.4229	1.4170	4.9991
-2.00	-0.5316	1.0029	3.4497	2.3761	1.4518	1.4507	5.0563
-1.80	-0.3319	1.0023	3.2565	2.1961	1.4828	1.4824	5.1098
-1.60	-0.1321	1.0019	3.0999	2.0524	1.5104	1.5085	5.1533
-1.40	0.0677	1.0015	2.9795	1.9413	1.5347	1.5332	5.1944
-1.20	0.2676	1.0012	2.8826	1.8526	1.5559	1.5546	5.2298
-1.00	0.4675	1.0010	2.8033	1.7786	1.5761	1.5753	5.2641
-0.80	0.6675	1.0009	2.7427	1.7231	1.5918	1.5910	5.2898
-0.60	0.8675	1.0009	2.6905	1.6766	1.6048	1.6052	5.3133
-0.40	1.0675	1.0009	2.6520	1.6409	1.6162	1.6174	5.3336
-0.20	1.2675	1.0011	2.6211	1.6117	1.6263	1.6263	5.3487
0.0	1.4677	1.0014	2.5955	1.5881	1.6344	1.6347	5.3633
0.20	1.6679	1.0020	2.5753	1.5714	1.6388	1.6430	5.3786
0.40	1.8684	1.0030	2.5633	1.5595	1.6437	1.6477	5.3888
0.60	2.0691	1.0045	2.5495	1.5486	1.6463	1.6536	5.4027
0.80	2.2702	1.0071	2.5401	1.5399	1.6495	1.6615	5.4224
1.00	2.4719	1.0112	2.5317	1.5314	1.6532	1.6702	5.4477
1.20	2.6747	1.0176	2.5272	1.5285	1.6533	1.6809	5.4824
1.40	2.8790	1.0279	2.5183	1.5290	1.6470	1.6951	5.5333
1.60	3.0858	1.0441	2.5178	1.5255	1.6505	1.7195	5.6167
1.80	3.2964	1.0699	2.5177	1.5283	1.6474	1.7560	5.7456
2.00	3.5127	1.1107	2.5196	1.5353	1.6411	1.8074	5.9394
2.20	3.7373	1.1755	2.5310	1.5453	1.6379	1.8804	6.2321
2.40	3.9736	1.2781	0.0	1.5670	0.0	0.0	0.0

T= 8200

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-5.00	-3.4744	1.1162	0.0	32.7863	0.0	0.0	0.0
-4.80	-3.2834	1.0935	31.4515	27.0176	1.1641	1.1168	4.6899
-4.60	-3.0908	1.0750	25.8070	22.1956	1.1627	1.1236	4.6643
-4.40	-2.8968	1.0601	21.2008	18.2120	1.1641	1.1320	4.6490
-4.20	-2.7018	1.0480	17.4667	14.9506	1.1683	1.1425	4.6440
-4.00	-2.5058	1.0383	14.4641	12.2979	1.1761	1.1554	4.6486
-3.80	-2.3091	1.0306	12.0522	10.1492	1.1875	1.1705	4.6613
-3.60	-2.1117	1.0244	10.1171	8.4183	1.2018	1.1882	4.6821
-3.40	-1.9138	1.0194	8.5717	7.0264	1.2199	1.2087	4.7109
-3.20	-1.7155	1.0155	7.3348	5.9098	1.2411	1.2325	4.7479
-3.00	-1.5169	1.0123	6.3498	5.0147	1.2662	1.2588	4.7908
-2.80	-1.3180	1.0098	5.5646	4.2997	1.2942	1.2877	4.8395
-2.60	-1.1188	1.0078	4.9368	3.7344	1.3220	1.3174	4.8901
-2.40	-0.9195	1.0062	4.4419	3.2801	1.3542	1.3498	4.9460
-2.20	-0.7201	1.0049	4.0424	2.9142	1.3871	1.3829	5.0030
-2.00	-0.5205	1.0039	3.7286	2.6274	1.4191	1.4148	5.0579
-1.80	-0.3208	1.0031	3.4750	2.3999	1.4480	1.4484	5.1155
-1.60	-0.1211	1.0025	3.2777	2.2167	1.4786	1.4779	5.1657
-1.40	0.0787	1.0020	3.1169	2.0691	1.5064	1.5066	5.2144
-1.20	0.2785	1.0016	2.9932	1.9535	1.5322	1.5315	5.2564
-1.00	0.4784	1.0013	2.8935	1.8594	1.5561	1.5533	5.2929
-0.80	0.6783	1.0012	2.8109	1.7861	1.5738	1.5716	5.3235
-0.60	0.8783	1.0011	2.7473	1.7299	1.5882	1.5872	5.3496
-0.40	1.0783	1.0011	2.6978	1.6814	1.6045	1.6021	5.3747
-0.20	1.2783	1.0012	2.6575	1.6475	1.6131	1.6184	5.4022
0.0	1.4785	1.0015	2.6284	1.6159	1.6266	1.6265	5.4166

T= 8200

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
0.20	1.6787	1.0021	2.6031	1.5933	1.6338	1.6356	5.4332
0.40	1.8791	1.0030-	2.5770	1.5733	1.6380	1.6422	5.4467
0.60	2.0798	1.0046	2.5648	1.5596	1.6445	1.6491	5.4625
0.80	2.2809	1.0071	2.5510	1.5498	1.6460	1.6575	5.4833
1.00	2.4826	1.0112	2.5422	1.5411	1.6496	1.6673	5.5105
1.20	2.6854	1.0176	2.5370	1.5352	1.6526	1.6767	5.5435
1.40	2.8897	1.0278	2.5291	1.5275	1.6557	1.6962	5.6035
1.60	3.0965	1.0440	2.5232	1.5291	1.6502	1.7180	5.6836
1.80	3.3071	1.0697	2.5222	1.5339	1.6442	1.7512	5.8084
2.00	3.5233	1.1104	2.5238	1.5383	1.6407	1.8030	6.0050
2.20	3.7478	1.1749	2.5303	1.5503	1.6321	1.8781	6.3042
2.40	3.9841	1.2772	0.0	1.5712	0.0	0.0	0.0

T= 8400

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-5.00	-3.4505	1.1514	0.0	39.6280	0.0	0.0	0.0
-4.80	-3.2616	1.1223	38.6679	32.8666	1.1765	1.1126	4.7999
-4.60	-3.0709	1.0984	31.6810	27.1173	1.1683	1.1188	4.7618
-4.40	-2.8787	1.0790	26.0167	22.3084	1.1662	1.1254	4.7336
-4.20	-2.6851	1.0633	21.3956	18.3245	1.1676	1.1341	4.7170
-4.00	-2.4903	1.0506	17.6352	15.0485	1.1719	1.1453	4.7118
-3.80	-2.2945	1.0404	14.5987	12.3821	1.1790	1.1583	4.7154
-3.60	-2.0979	1.0323	12.1687	10.2198	1.1907	1.1736	4.7278
-3.40	-1.9007	1.0257	10.2047	8.4776	1.2037	1.1912	4.7480
-3.20	-1.7029	1.0205	8.6428	7.0745	1.2217	1.2126	4.7782
-3.00	-1.5047	1.0163	7.3963	5.9552	1.2420	1.2373	4.8168
-2.80	-1.3061	1.0130	6.3993	5.0518	1.2667	1.2637	4.8600
-2.60	-1.1073	1.0103	5.6038	4.3270	1.2951	1.2921	4.9077
-2.40	-0.9082	1.0082	4.9667	3.7511	1.3241	1.3241	4.9629
-2.20	-0.7089	1.0065	4.4664	3.2971	1.3546	1.3583	5.0226
-2.00	-0.5095	1.0052	4.0673	2.9310	1.3877	1.3905	5.0784
-1.80	-0.3099	1.0041	3.7471	2.6345	1.4223	1.4228	5.1343
-1.60	-0.1103	1.0033	3.4948	2.4086	1.4510	1.4550	5.1899
-1.40	0.0894	1.0026	3.2908	2.2231	1.4803	1.4829	5.2376
-1.20	0.2892	1.0021	3.1259	2.0753	1.5063	1.5128	5.2888
-1.00	0.4890	1.0018	2.9994	1.9617	1.5290	1.5359	5.3281
-0.80	0.6889	1.0015	2.9002	1.8674	1.5531	1.5557	5.3615
-0.60	0.8888	1.0013	2.8179	1.7879	1.5761	1.5768	5.3973
-0.40	1.0888	1.0013	2.7562	1.7366	1.5871	1.5915	5.4223
-0.20	1.2889	1.0013	2.6996	1.6856	1.6015	1.6057	5.4467
0.0	1.4890	1.0016	2.6569	1.6479	1.6123	1.6191	5.4701
0.20	1.6892	1.0022	2.6269	1.6209	1.6206	1.6297	5.4895
0.40	1.8896	1.0031	2.6069	1.5932	1.6363	1.6380	5.5060
0.60	2.0903	1.0046	2.5800	1.5798	1.6331	1.6443	5.5208
0.80	2.2914	1.0071	2.5626	1.5614	1.6412	1.6533	5.5428
1.00	2.4931	1.0112	2.5542	1.5541	1.6435	1.6630	5.5700
1.20	2.6958	1.0176	2.5369	1.5454	1.6416	1.6776	5.6121
1.40	2.9002	1.0277	2.5377	1.5444	1.6431	1.6923	5.6647
1.60	3.1069	1.0439	2.5302	1.5392	1.6438	1.7144	5.7463
1.80	3.3174	1.0695	2.5258	1.5352	1.6453	1.7461	5.8697
2.00	3.5336	1.1100	2.5218	1.5422	1.6352	1.7996	6.0711
2.20	3.7581	1.1743	2.5390	1.5591	1.6285	1.8736	6.3715
2.40	3.9942	1.2763	0.0	1.5704	0.0	0.0	0.0

T= 8500

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-5.00	-3.4378	1.1716	0.0	43.2299	0.0	0.0	0.0
-4.80	-3.2501	1.1389	42.4070	36.0123	1.1776	1.1113	4.8612
-4.60	-3.0604	1.1121	34.9268	29.8011	1.1720	1.1161	4.8140
-4.40	-2.8691	1.0901	28.7011	24.5617	1.1685	1.1222	4.7791
-4.20	-2.6763	1.0723	23.5883	20.1893	1.1684	.1.1303	4.7570
-4.00	-2.4821	1.0579	19.4145	16.5887	1.1703	1.1396	4.7443
-3.80	-2.2869	1.0463	16.0435	13.6364	1.1765	1.1506	4.7408
-3.60	-2.0908	1.0369	13.3188	11.2433	1.1846	1.1639	4.7469
-3.40	-1.8940	1.0295	11.1423	9.3077	1.1971	1.1810	4.7645
-3.20	-1.6965	1.0235	9.3884	7.7426	1.2126	1.1994	4.7873
-3.00	-1.4985	1.0187	7.9926	6.4834	1.2328	1.2213	4.8196
-2.80	-1.3002	1.0149	6.8722	5.4787	1.2543	1.2445	4.8560
-2.60	-1.1015	1.0118	5.9845	4.6748	1.2802	1.2726	4.9032
-2.40	-0.9025	1.0094	5.2732	4.0273	1.3094	1.3022	4.9539
-2.20	-0.7033	1.0075	4.7126	3.5165	1.3401	1.3339	5.0092
-2.00	-0.5040	1.0060	4.2586	3.1023	1.3727	1.3660	5.0652
-1.80	-0.3045	1.0047	3.8978	2.7770	1.4036	1.3972	5.1195
-1.60	-0.1049	1.0038	3.6113	2.5166	1.4350	1.4337	5.1836
-1.40	0.0947	1.0030	3.3873	2.3124	1.4648	1.4642	5.2364
-1.20	0.2945	1.0024	3.2076	2.1461	1.4946	1.4922	5.2848
-1.00	0.4943	1.0020	3.0621	2.0155	1.5192	1.5210	5.3343
-0.80	0.6941	1.0017	2.9458	1.9083	1.5437	1.5418	5.3698
-0.60	0.8941	1.0015	2.8579	1.8249	1.5660	1.5652	5.4098
-0.40	1.0940	1.0014	2.7822	1.7595	1.5812	1.5857	5.4448
-0.20	1.2940	1.0014	2.7270	1.7037	1.6006	1.5963	5.4633
0.0	1.4942	1.0017	2.6781	1.6671	1.6064	1.6108	5.4886
0.20	1.6944	1.0022	2.6443	1.6352	1.6171	1.6233	5.5114
0.40	1.8948	1.0031	2.6157	1.6124	1.6222	1.6325	5.5295
0.60	2.0954	1.0047	2.5920	1.5837	1.6366	1.6386	5.5440
0.80	2.2965	1.0072	2.5767	1.5707	1.6405	1.6492	5.5688
1.00	2.4982	1.0112	2.5563	1.5569	1.6419	1.6595	5.5972
1.20	2.7010	1.0175	2.5475	1.5488	1.6449	1.6714	5.6351
1.40	2.9053	1.0277	2.5400	1.5462	1.6427	1.6842	5.6847
1.60	3.1120	1.0438	2.5308	1.5429	1.6403	1.7152	5.7815
1.80	3.3225	1.0694	2.5226	1.5413	1.6367	1.7534	5.9166
2.00	3.5387	1.1099	2.5270	1.5415	1.6393	1.7994	6.1063
2.20	3.7631	1.1741	2.5402	1.5541	1.6345	1.8718	6.4054
2.40	3.9992	1.2758	0.0	1.5771	0.0	0.0	0.0

T= 8600

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-5.00	-3.4246	1.1936	0.0	46.9068	0.0	0.0	0.0
-4.80	-3.2381	1.1572	46.6557	39.2948	1.1873	1.1106	4.9274
-4.60	-3.0495	1.1271	38.3895	32.6286	1.1766	1.1146	4.8715
-4.40	-2.8592	1.1024	31.5825	26.9602	1.1714	1.1202	4.8299
-4.20	-2.6672	1.0822	25.9600	22.1896	1.1699	1.1273	4.8007
-4.00	-2.4738	1.0659	21.3493	18.2432	1.1703	1.1350	4.7806
-3.80	-2.2792	1.0527	17.6113	14.9932	1.1746	1.1445	4.7707
-3.60	-2.0836	1.0421	14.5792	12.3511	1.1804	1.1562	4.7709
-3.40	-1.8871	1.0336	12.1656	10.2008	1.1926	1.1713	4.7822
-3.20	-1.6900	1.0268	10.2040	8.4647	1.2055	1.1882	4.8006
-3.00	-1.4923	1.0214	8.6424	7.0620	1.2238	1.2068	4.8254
-2.80	-1.2942	1.0170	7.3912	5.9427	1.2437	1.2298	4.8607
-2.60	-1.0957	1.0135	6.3982	5.0526	1.2663	1.2554	4.9026

T= 8600

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-2.40	-0.8969	1.0108	5.6095	4.3299	1.2955	1.2831	4.9495
-2.20	-0.6978	1.0086	4.9746	3.7554	1.3246	1.3126	5.0008
-2.00	-0.4986	1.0068	4.4653	3.2936	1.3558	1.3445	5.0568
-1.80	-0.2992	1.0054	4.0649	2.9350	1.3850	1.3760	5.1122
-1.60	-0.0996	1.0043	3.7435	2.6391	1.4184	1.4085	5.1693
-1.40	0.1000	1.0035	3.4909	2.4103	1.4483	1.4416	5.2275
-1.20	0.2997	1.0028	3.2926	2.2218	1.4820	1.4696	5.2761
-1.00	0.4995	1.0023	3.1286	2.0738	1.5086	1.4982	5.3259
-0.80	0.6993	1.0019	2.9980	1.9568	1.5321	1.5267	5.3753
-0.60	0.8992	1.0016	2.9014	1.8669	1.5541	1.5483	5.4126
-0.40	1.0992	1.0015	2.8134	1.7886	1.5729	1.5697	5.4494
-0.20	1.2992	1.0016	2.7567	1.7299	1.5936	1.5886	5.4823
0.0	1.4993	1.0018	2.7061	1.6881	1.6030	1.5974	5.4980
0.20	1.6995	1.0023	2.6637	1.6479	1.6164	1.6107	5.5222
0.40	1.8999	1.0032	2.6255	1.6262	1.6145	1.6247	5.5487
0.60	2.1005	1.0047	2.6047	1.5917	1.6364	1.6390	5.5773
0.80	2.3016	1.0072	2.5896	1.5795	1.6396	1.6452	5.5947
1.00	2.5033	1.0112	2.5646	1.5612	1.6427	1.6577	5.6271
1.20	2.7060	1.0175	2.5600	1.5514	1.6501	1.6668	5.6602
1.40	2.9103	1.0277	2.5436	1.5418	1.6498	1.6863	5.7214
1.60	3.1171	1.0437	2.5342	1.5445	1.6408	1.7115	5.8091
1.80	3.3276	1.0693	2.5286	1.5471	1.6343	1.7493	5.9442
2.00	3.5437	1.1097	2.5351	1.5454	1.6404	1.7986	6.1402
2.20	3.7681	1.1738	2.5394	1.5542	1.6339	1.8732	6.4447
2.40	4.0041	1.2754	0.0	1.5836	0.0	0.0	0.0

T= 8800

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-5.00	-3.3970	1.2432	0.0	54.2432	0.0	0.0	0.0
-4.80	-3.2128	1.1988	0.0	46.0151	0.0	1.1091	5.0694
-4.60	-3.0265	1.1615	45.8535	38.6002	1.1879	1.1125	4.9978
-4.40	-2.8382	1.1307	37.9043	32.1040	1.1807	1.1168	4.9404
-4.20	-2.6480	1.1053	31.2046	26.5513	1.1753	1.1225	4.8971
-4.00	-2.4562	1.0846	25.6700	21.8806	1.1732	1.1294	4.8660
-3.80	-2.2630	1.0678	21.1278	18.0011	1.1737	1.1379	4.8463
-3.60	-2.0686	1.0543	17.4418	14.8060	1.1780	1.1483	4.8374
-3.40	-1.8731	1.0434	14.4523	12.1982	1.1848	1.1606	4.8380
-3.20	-1.6767	1.0346	12.0557	10.0858	1.1953	1.1754	4.8484
-3.00	-1.4797	1.0276	10.1249	8.3785	1.2084	1.1930	4.8679
-2.80	-1.2821	1.0220	8.5837	6.9986	1.2265	1.2137	4.8966
-2.60	-1.0840	1.0175	7.3496	5.8899	1.2478	1.2372	4.9328
-2.40	-0.8855	1.0139	6.3599	5.0025	1.2713	1.2629	4.9750
-2.20	-0.6867	1.0111	5.5744	4.2956	1.2977	1.2914	5.0239
-2.00	-0.4877	1.0088	4.9502	3.7311	1.3267	1.3217	5.0768
-1.80	-0.2885	1.0070	4.4521	3.2764	1.3588	1.3537	5.1332
-1.60	-0.0891	1.0056	4.0548	2.9163	1.3904	1.3846	5.1879
-1.40	0.1104	1.0045	3.7399	2.6271	1.4236	1.4176	5.2463
-1.20	0.3100	1.0036	3.4843	2.3988	1.4525	1.4491	5.3019
-1.00	0.5097	1.0029	3.2839	2.2162	1.4818	1.4780	5.3527
-0.80	0.7095	1.0024	3.1285	2.0728	1.5093	1.5082	5.4058
-0.60	0.9094	1.0020	2.9985	1.9562	1.5328	1.5310	5.4455
-0.40	1.1093	1.0018	2.8988	1.8670	1.5526	1.5522	5.4825
-0.20	1.3093	1.0018	2.8173	1.7948	1.5697	1.5730	5.5191
0.0	1.5093	1.0020	2.7555	1.7327	1.5902	1.5885	5.5467

T= 8800

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
0.20	1.7095	1.0024	2.7024	1.6879	1.6010	1.6041	5.5750
0.40	1.9099	1.0033	2.6674	1.6475	1.6191	1.6164	5.5988
0.60	2.1106	1.0048	2.6333	1.6248	1.6207	1.6307	5.6278
0.80	2.3116	1.0072	2.6046	1.5962	1.6318	1.6403	5.6512
1.00	2.5133	1.0112	2.5866	1.5848	1.6321	1.6528	5.6838
1.20	2.7160	1.0175	2.5660	1.5675	1.6370	1.6675	5.7271
1.40	2.9203	1.0276	2.5557	1.5598	1.6385	1.6866	5.7880
1.60	3.1270	1.0436	2.5476	1.5510	1.6425	1.7086	5.8709
1.80	3.3375	1.0691	2.5421	1.5517	1.6383	1.7424	6.0005
2.00	3.5536	1.1094	2.5399	1.5558	1.6325	1.7938	6.2019
2.20	3.7779	1.1733	2.5505	1.5669	1.6278	1.8647	6.5029
2.40	4.0138	1.2745	0.0	1.5852	0.0	0.0	0.0

T= 9000

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-5.00	-3.3679	1.2998	0.0	61.1675	0.0	0.0	0.0
-4.80	-3.1859	1.2470	63.9328	52.7766	1.2114	1.1084	5.2273
-4.60	-3.0018	1.2020	53.8166	44.8245	1.2006	1.1112	5.1386
-4.40	-2.8157	1.1642	44.8386	37.6412	1.1912	1.1149	5.0656
-4.20	-2.6276	1.1329	37.1014	31.3395	1.1839	1.1195	5.0072
-4.00	-2.4376	1.1071	30.5812	25.9427	1.1788	1.1249	4.9618
-3.80	-2.2459	1.0861	25.1715	21.3934	1.1766	1.1318	4.9296
-3.60	-2.0528	1.0691	20.7321	17.6156	1.1759	1.1407	4.9099
-3.40	-1.8584	1.0553	17.1278	14.5026	1.1810	1.1513	4.9007
-3.20	-1.6630	1.0442	14.2059	11.9571	1.1881	1.1635	4.9006
-3.00	-1.4667	1.0353	11.8589	9.8913	1.1989	1.1789	4.9119
-2.80	-1.2697	1.0281	9.9769	8.2233	1.2133	1.1968	4.9321
-2.60	-1.0721	1.0224	8.4594	6.8772	1.2301	1.2170	4.9596
-2.40	-0.8741	1.0178	7.2546	5.8002	1.2507	1.2402	4.9955
-2.20	-0.6756	1.0142	6.2892	4.9322	1.2751	1.2658	5.0377
-2.00	-0.4769	1.0113	5.5215	4.2364	1.3033	1.2951	5.0884
-1.80	-0.2779	1.0090	4.9035	3.6847	1.3307	1.3252	5.1414
-1.60	-0.0787	1.0072	4.4172	3.2431	1.3621	1.3569	5.1978
-1.40	0.1207	1.0057	4.0278	2.8883	1.3945	1.3894	5.2558
-1.20	0.3202	1.0046	3.7180	2.6097	1.4247	1.4226	5.3153
-1.00	0.5198	1.0037	3.4689	2.3854	1.4542	1.4536	5.3705
-0.80	0.7196	1.0030	3.2718	2.2045	1.4841	1.4824	5.4216
-0.60	0.9193	1.0025	3.1180	2.0640	1.5107	1.5097	5.4699
-0.40	1.1192	1.0022	2.9939	1.9471	1.5376	1.5338	5.5127
-0.20	1.3192	1.0021	2.8926	1.8588	1.5561	1.5555	5.5512
0.0	1.5192	1.0022	2.8134	1.7881	1.5734	1.5754	5.5869
0.20	1.7194	1.0026	2.7521	1.7316	1.5893	1.5918	5.6170
0.40	1.9197	1.0035	2.6991	1.6853	1.6015	1.6078	5.6474
0.60	2.1204	1.0049	2.6605	1.6509	1.6115	1.6190	5.6711
0.80	2.3214	1.0073	2.6273	1.6216	1.6202	1.6332	5.7028
1.00	2.5231	1.0112	2.6038	1.5986	1.6288	1.6472	5.7383
1.20	2.7258	1.0175	2.5854	1.5831	1.6332	1.6597	5.7779
1.40	2.9301	1.0276	2.5703	1.5726	1.6344	1.6792	5.8404
1.60	3.1368	1.0435	2.5568	1.5615	1.6374	1.7050	5.9306
1.80	3.3472	1.0689	2.5476	1.5603	1.6327	1.7363	6.0571
2.00	3.5632	1.1090	2.5487	1.5630	1.6307	1.7873	6.2599
2.20	3.7874	1.1727	2.5580	1.5748	1.6243	1.8612	6.5689
2.40	4.0233	1.2737	0.0	1.5950	0.0	0.0	0.0

T= 9200

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-5.00	-3.3378	1.3629	0.0	67.0437	0.0	0.0	0.0
-4.80	-3.1577	1.3018	72.4425	59.0774	1.2262	1.1089	5.4010
-4.60	-2.9758	1.2487	61.9668	51.0154	1.2147	1.1110	5.2947
-4.40	-2.7918	1.2035	52.2351	43.3780	1.2042	1.1135	5.2038
-4.20	-2.6057	1.1654	43.5335	36.4476	1.1944	1.1173	5.1296
-4.00	-2.4176	1.1339	36.0405	30.3652	1.1869	1.1221	5.0706
-3.80	-2.2277	1.1080	29.7271	25.1502	1.1820	1.1280	5.0254
-3.60	-2.0361	1.0868	24.4983	20.7578	1.1802	1.1352	4.9930
-3.40	-1.8430	1.0696	20.1905	17.1039	1.1805	1.1439	4.9723
-3.20	-1.6487	1.0557	16.6947	14.0924	1.1847	1.1544	4.9627
-3.00	-1.4533	1.0445	13.8666	11.6334	1.1920	1.1671	4.9634
-2.80	-1.2570	1.0355	11.5835	9.6366	1.2020	1.1826	4.9746
-2.60	-1.0601	1.0283	9.7554	8.0178	1.2167	1.2003	4.9944
-2.40	-0.8625	1.0226	8.2907	6.7162	1.2344	1.2210	5.0231
-2.20	-0.6645	1.0180	7.1176	5.6698	1.2554	1.2446	5.0600
-2.00	-0.4660	1.0143	6.1796	4.8339	1.2784	1.2716	5.1054
-1.80	-0.2673	1.0114	5.4359	4.1587	1.3071	1.3003	5.1552
-1.60	-0.0683	1.0091	4.8405	3.6241	1.3356	1.3318	5.2113
-1.40	0.1309	1.0073	4.3671	3.1928	1.3678	1.3635	5.2681
-1.20	0.3303	1.0058	3.9884	2.8503	1.3993	1.3957	5.3262
-1.00	0.5298	1.0047	3.6890	2.5780	1.4309	1.4285	5.3853
-0.80	0.7294	1.0038	3.4464	2.3602	1.4602	1.4566	5.4357
-0.60	0.9292	1.0032	3.2554	2.1906	1.4861	1.4867	5.4899
-0.40	1.1290	1.0027	3.1056	2.0501	1.5148	1.5139	5.5387
-0.20	1.3289	1.0025	2.9832	1.9401	1.5376	1.5356	5.5775
0.0	1.5289	1.0025	2.8850	1.8533	1.5567	1.5586	5.6193
0.20	1.7290	1.0029	2.8084	1.7835	1.5746	1.5772	5.6536
0.40	1.9294	1.0036	2.7476	1.7269	1.5911	1.5946	5.6868
0.60	2.1300	1.0050	2.7000	1.6802	1.6070	1.6091	5.7167
0.80	2.3310	1.0074	2.6611	1.6502	1.6126	1.6234	5.7488
1.00	2.5327	1.0113	2.6324	1.6239	1.6210	1.6363	5.7827
1.20	2.7353	1.0176	2.6046	1.6035	1.6242	1.6529	5.8299
1.40	2.9396	1.0276	2.5831	1.5867	1.6280	1.6708	5.8902
1.60	3.1463	1.0435	2.5730	1.5790	1.6295	1.6984	5.9843
1.80	3.3566	1.0687	2.5635	1.5735	1.6292	1.7315	6.1150
2.00	3.5726	1.1087	2.5562	1.5757	1.6223	1.7823	6.3193
2.20	3.7968	1.1722	2.5602	1.5819	1.6185	1.8563	6.6311
2.40	4.0325	1.2728	0.0	1.6075	0.0	0.0	0.0

T= 9400

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-5.00	-3.3073	1.4309	0.0	71.2399	0.0	0.0	0.0
-4.80	-3.1286	1.3623	79.9180	64.4428	1.2401	1.1093	5.5861
-4.60	-2.9485	1.3013	69.7684	56.7939	1.2284	1.1110	5.4637
-4.40	-2.7665	1.2483	59.6988	49.0525	1.2170	1.1133	5.3567
-4.20	-2.5826	1.2031	50.3451	41.7045	1.2072	1.1159	5.2650
-4.00	-2.3965	1.1652	41.9486	35.0580	1.1965	1.1194	5.1893
-3.80	-2.2084	1.1337	34.7731	29.2195	1.1901	1.1247	5.1308
-3.60	-2.0184	1.1078	28.7005	24.2167	1.1852	1.1309	5.0861
-3.40	-1.8268	1.0866	23.6550	19.9921	1.1832	1.1384	5.0538
-3.20	-1.6337	1.0695	19.5368	16.4881	1.1849	1.1482	5.0354
-3.00	-1.4394	1.0556	16.1579	13.5936	1.1886	1.1591	5.0262
-2.80	-1.2440	1.0445	13.4447	11.2311	1.1971	1.1722	5.0279
-2.60	-1.0477	1.0355	11.2543	9.3175	1.2079	1.1891	5.0422

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-2.40	-0.8508	1.0283	9.4859	7.7699	1.2209	1.2074	5.0631
-2.20	-0.6532	1.0226	8.0761	6.5184	1.2390	1.2294	5.0948
-2.00	-0.4551	1.0180	6.9504	5.5064	1.2622	1.2528	5.1315
-1.80	-0.2567	1.0143	6.0510	4.7043	1.2863	1.2810	5.1795
-1.60	-0.0579	1.0114	5.3296	4.0536	1.3148	1.3104	5.2312
-1.40	0.1411	1.0091	4.7534	3.5430	1.3416	1.3420	5.2877
-1.20	0.3403	1.0073	4.2986	3.1348	1.3712	1.3727	5.3432
-1.00	0.5397	1.0058	3.9322	2.8026	1.4031	1.4051	5.4019
-0.80	0.7392	1.0047	3.6482	2.5452	1.4334	1.4380	5.4618
-0.60	0.9388	1.0039	3.4171	2.3269	1.4685	1.4667	5.5137
-0.40	1.1386	1.0033	3.2299	2.1693	1.4889	1.4943	5.5638
-0.20	1.3384	1.0030	3.0858	2.0279	1.5217	1.5191	5.6089
0.0	1.5384	1.0029	2.9690	1.9289	1.5392	1.5452	5.6565
0.20	1.7385	1.0032	2.8737	1.8385	1.5631	1.5683	5.6995
0.40	1.9388	1.0039	2.8037	1.7784	1.5765	1.5841	5.7301
0.60	2.1394	1.0052	2.7434	1.7275	1.5881	1.5979	5.7589
0.80	2.3404	1.0076	2.6973	1.6794	1.6062	1.6151	5.7964
1.00	2.5420	1.0114	2.6559	1.6426	1.6168	1.6315	5.8370
1.20	2.7447	1.0176	2.6333	1.6234	1.6221	1.6495	5.8870
1.40	2.9489	1.0275	2.6097	1.6036	1.6274	1.6657	5.9446
1.60	3.1556	1.0434	2.5877	1.5966	1.6208	1.6901	6.0341
1.80	3.3659	1.0685	2.5758	1.5801	1.6302	1.7310	6.1798
2.00	3.5818	1.1084	2.5720	1.5846	1.6231	1.7815	6.3853
2.20	3.8059	1.1717	2.5792	1.6004	1.6116	1.8476	6.6857
2.40	4.0416	1.2720	0.0	1.6189	0.0	0.0	0.0

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-5.00	-3.2921	1.4661	0.0	72.5292	0.0	0.0	0.0
-4.80	-3.1139	1.3944	0.0	66.6045	0.0	1.1105	5.6843
-4.60	-2.9345	1.3297	73.3226	59.3994	1.2344	1.1118	5.5540
-4.40	-2.7535	1.2728	63.3208	51.7697	1.2231	1.1129	5.4367
-4.20	-2.5705	1.2239	53.7832	44.3244	1.2134	1.1163	5.3394
-4.00	-2.3855	1.1826	45.0863	37.4584	1.2036	1.1199	5.2571
-3.80	-2.1983	1.1481	37.4646	31.3484	1.1951	1.1241	5.1893
-3.60	-2.0092	1.1196	30.9422	26.0475	1.1879	1.1287	5.1351
-3.40	-1.8184	1.0963	25.5422	21.5442	1.1856	1.1361	5.0979
-3.20	-1.6259	1.0773	21.0687	17.7869	1.1845	1.1445	5.0722
-3.00	-1.4322	1.0619	17.4289	14.6658	1.1884	1.1551	5.0593
-2.80	-1.2373	1.0495	14.4629	12.1106	1.1942	1.1665	5.0543
-2.60	-1.0414	1.0396	12.0714	10.0284	1.2037	1.1813	5.0622
-2.40	-0.8448	1.0316	10.1590	8.3418	1.2178	1.1996	5.0816
-2.20	-0.6475	1.0252	8.6169	6.9770	1.2350	1.2193	5.1073
-2.00	-0.4497	1.0201	7.3792	5.8844	1.2540	1.2409	5.1395
-1.80	-0.2514	1.0160	6.3900	5.0064	1.2764	1.2656	5.1798
-1.60	-0.0528	1.0127	5.6057	4.3023	1.3029	1.2937	5.2287
-1.40	0.1461	1.0102	4.9716	3.7409	1.3290	1.3243	5.2834
-1.20	0.3452	1.0081	4.4708	3.2892	1.3592	1.3552	5.3394
-1.00	0.5445	1.0065	4.0730	2.9322	1.3891	1.3856	5.3946
-0.80	0.7440	1.0053	3.7581	2.6433	1.4217	1.4181	5.4541
-0.60	0.9436	1.0043	3.5048	2.4132	1.4524	1.4490	5.5106
-0.40	1.1433	1.0037	3.3005	2.2282	1.4812	1.4779	5.5634
-0.20	1.3431	1.0032	3.1411	2.0872	1.5049	1.5071	5.6169
0.0	1.5431	1.0031	3.0149	1.9660	1.5335	1.5301	5.6594

T= 9500

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
0.20	1.7432	1.0033	2.9157	1.8774	1.5531	1.5542	5.7044
0.40	1.9435	1.0040	2.8269	1.8040	1.5670	1.5764	5.7468
0.60	2.1440	1.0053	2.7609	1.7470	1.5804	1.5887	5.7731
0.80	2.3450	1.0076	2.7118	1.6995	1.5956	1.6069	5.8127
1.00	2.5467	1.0114	2.6741	1.6630	1.6079	1.6255	5.8573
1.20	2.7493	1.0176	2.6418	1.6321	1.6186	1.6452	5.9106
1.40	2.9535	1.0275	2.6205	1.6134	1.6242	1.6662	5.9771
1.60	3.1601	1.0433	2.5943	1.5991	1.6223	1.6874	6.0612
1.80	3.3705	1.0684	2.5865	1.5925	1.6242	1.7275	6.2060
2.00	3.5864	1.1083	2.5773	1.5926	1.6183	1.7816	6.4188
2.20	3.8104	1.1714	2.5820	1.6019	1.6118	1.8511	6.7268
2.40	4.0460	1.2715	0.0	1.6196	0.0	0.0	0.0

T= 9600

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-5.00	-3.2771	1.5018	0.0	73.1817	0.0	0.0	0.0
-4.80	-3.0992	1.4274	85.1828	68.3220	1.2468	1.1116	5.7845
-4.60	-2.9204	1.3592	76.5322	61.7285	1.2398	1.1126	5.6469
-4.40	-2.7403	1.2986	66.8533	54.3454	1.2302	1.1141	5.5233
-4.20	-2.5582	1.2460	57.1882	46.9078	1.2192	1.1161	5.4152
-4.00	-2.3741	1.2012	48.2333	39.8740	1.2096	1.1196	5.3251
-3.80	-2.1879	1.1635	40.2104	33.5202	1.1996	1.1231	5.2494
-3.60	-1.9998	1.1323	33.3003	27.9260	1.1924	1.1278	5.1892
-3.40	-1.8097	1.1067	27.5235	23.1575	1.1885	1.1344	5.1451
-3.20	-1.6180	1.0858	22.6894	19.1387	1.1855	1.1412	5.1115
-3.00	-1.4248	1.0688	18.7678	15.7949	1.1882	1.1505	5.0920
-2.80	-1.2305	1.0550	15.5407	13.0446	1.1914	1.1620	5.0843
-2.60	-1.0350	1.0440	12.9452	10.7865	1.2001	1.1748	5.0856
-2.40	-0.8387	1.0351	10.8693	8.9540	1.2139	1.1906	5.0977
-2.20	-0.6417	1.0280	9.1852	7.4761	1.2286	1.2085	5.1183
-2.00	-0.4441	1.0223	7.8327	6.2910	1.2451	1.2301	5.1496
-1.80	-0.2461	1.0178	6.7542	5.3303	1.2671	1.2533	5.1863
-1.60	-0.0476	1.0142	5.8977	4.5691	1.2908	1.2809	5.2338
-1.40	0.1512	1.0113	5.2113	3.9486	1.3198	1.3075	5.2805
-1.20	0.3502	1.0090	4.6624	3.4545	1.3497	1.3391	5.3377
-1.00	0.5494	1.0072	4.2302	3.0661	1.3797	1.3715	5.3973
-0.80	0.7488	1.0058	3.8769	2.7464	1.4116	1.4013	5.4518
-0.60	0.9483	1.0048	3.5986	2.5021	1.4382	1.4339	5.5119
-0.40	1.1480	1.0040	3.3803	2.2965	1.4720	1.4618	5.5631
-0.20	1.3478	1.0035	3.2039	2.1477	1.4918	1.4906	5.6164
0.0	1.5477	1.0033	3.0654	2.0096	1.5254	1.5158	5.6630
0.20	1.7478	1.0035	2.9581	1.9182	1.5422	1.5384	5.7056
0.40	1.9481	1.0041	2.8614	1.8315	1.5623	1.5615	5.7501
0.60	2.1486	1.0054	2.7905	1.7655	1.5806	1.5829	5.7931
0.80	2.3496	1.0077	2.7352	1.7219	1.5884	1.5997	5.8303
1.00	2.5512	1.0115	2.6948	1.6870	1.5974	1.6178	5.8742
1.20	2.7539	1.0177	2.6521	1.6489	1.6084	1.6373	5.9274
1.40	2.9581	1.0276	2.6254	1.6251	1.6156	1.6572	5.9922
1.60	3.1647	1.0433	2.6060	1.6071	1.6215	1.6847	6.0879
1.80	3.3750	1.0684	2.5936	1.6081	1.6129	1.7205	6.2256
2.00	3.5909	1.1081	2.5821	1.6037	1.6101	1.7699	6.4309
2.20	3.8149	1.1712	2.5850	1.6021	1.6135	1.8480	6.7556
2.40	4.0505	1.2711	0.0	1.6284	0.0	0.0	0.0

T= 9800

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-5.00	-3.2480	1.5732	0.0	72.4767	0.0	0.0	0.0
-4.80	-3.0701	1.4952	87.9633	70.2251	1.2526	1.1131	5.9855
-4.60	-2.8921	1.4213	81.6211	65.3695	1.2486	1.1135	5.8366
-4.40	-2.7132	1.3537	73.1911	58.9296	1.2420	1.1146	5.6990
-4.20	-2.5329	1.2938	63.7956	51.7966	1.2317	1.1162	5.5756
-4.00	-2.3507	1.2419	54.4996	44.6499	1.2206	1.1185	5.4680
-3.80	-2.1664	1.1977	45.9129	37.9222	1.2107	1.1216	5.3774
-3.60	-1.9801	1.1607	38.2967	31.8656	1.2018	1.1259	5.3037
-3.40	-1.7917	1.1300	31.7465	26.5597	1.1953	1.1312	5.2454
-3.20	-1.6015	1.1048	26.2286	22.0215	1.1910	1.1376	5.2012
-3.00	-1.4097	1.0842	21.6517	18.2044	1.1894	1.1453	5.1699
-2.80	-1.2164	1.0675	17.9194	15.0358	1.1918	1.1555	5.1529
-2.60	-1.0219	1.0540	14.8778	12.4311	1.1968	1.1675	5.1467
-2.40	-0.8264	1.0432	12.4081	10.2993	1.2047	1.1812	5.1502
-2.20	-0.6301	1.0345	10.4278	8.5677	1.2171	1.1976	5.1641
-2.00	-0.4330	1.0275	8.8403	7.1659	1.2337	1.2166	5.1873
-1.80	-0.2354	1.0219	7.5644	6.0423	1.2519	1.2399	5.2226
-1.60	-0.0372	1.0175	6.5412	5.1326	1.2745	1.2642	5.2621
-1.40	0.1612	1.0139	5.7298	4.4043	1.3009	1.2904	5.3069
-1.20	0.3600	1.0111	5.0804	3.8256	1.3280	1.3208	5.3617
-1.00	0.5591	1.0089	4.5587	3.3573	1.3579	1.3515	5.4177
-0.80	0.7583	1.0072	4.1445	2.9866	1.3877	1.3834	5.4766
-0.60	0.9578	1.0058	3.8172	2.6899	1.4191	1.4156	5.5362
-0.40	1.1573	1.0049	3.5536	2.4531	1.4486	1.4445	5.5897
-0.20	1.3570	1.0042	3.3419	2.2607	1.4783	1.4755	5.6476
0.0	1.5569	1.0039	3.1729	2.1153	1.5000	1.5032	5.6995
0.20	1.7569	1.0039	3.0380	1.9912	1.5257	1.5256	5.7419
0.40	1.9572	1.0045	2.9391	1.8977	1.5488	1.5480	5.7854
0.60	2.1577	1.0057	2.8543	1.8233	1.5655	1.5713	5.8323
0.80	2.3586	1.0079	2.7849	1.7629	1.5797	1.5900	5.8734
1.00	2.5603	1.0116	2.7306	1.7129	1.5941	1.6095	5.9202
1.20	2.7629	1.0177	2.6894	1.6814	1.5995	1.6283	5.9727
1.40	2.9670	1.0276	2.6549	1.6525	1.6066	1.6483	6.0382
1.60	3.1736	1.0433	2.6311	1.6342	1.6100	1.6770	6.1368
1.80	3.3839	1.0682	2.6107	1.6182	1.6133	1.7130	6.2761
2.00	3.5997	1.1078	2.6046	1.6166	1.6111	1.7651	6.4878
2.20	3.8237	1.1707	2.6072	1.6284	1.6011	1.8378	6.8054
2.40	4.0591	1.2703	0.0	1.6526	0.0	0.0	0.0

T= 10000

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-5.00	-3.2206	1.6422	0.0	69.0862	0.0	0.0	0.0
-4.80	-3.0419	1.5636	87.3149	69.8086	1.2508	1.1156	6.1899
-4.60	-2.8640	1.4860	84.3858	67.2906	1.2540	1.1154	6.0338
-4.40	-2.6859	1.4128	78.0021	62.3795	1.2504	1.1159	5.8844
-4.20	-2.5069	1.3461	69.6940	56.0559	1.2433	1.1169	5.7467
-4.00	-2.3264	1.2871	60.6219	49.1550	1.2333	1.1188	5.6240
-3.80	-2.1439	1.2362	51.7059	42.3039	1.2222	1.1213	5.5179
-3.60	-1.9594	1.1929	43.5076	35.8921	1.2122	1.1247	5.4286
-3.40	-1.7728	1.1567	36.2638	30.1338	1.2034	1.1290	5.3556
-3.20	-1.5842	1.1267	30.0584	25.1117	1.1970	1.1343	5.2982
-3.00	-1.3938	1.1021	24.8585	20.8248	1.1937	1.1414	5.2565
-2.80	-1.2018	1.0820	20.5522	17.2265	1.1931	1.1497	5.2273
-2.60	-1.0083	1.0657	17.0180	14.2380	1.1953	1.1598	5.2106

T= 10000

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-2.40	-0.8137	1.0526	14.1571	11.7821	1.2016	1.1723	5.2062
-2.20	-0.6181	1.0421	11.8414	9.7769	1.2112	1.1870	5.2124
-2.00	-0.4217	1.0336	9.9741	8.1538	1.2232	1.2045	5.2293
-1.80	-0.2245	1.0268	8.4794	6.8368	1.2403	1.2249	5.2560
-1.60	-0.0268	1.0214	7.2757	5.7735	1.2602	1.2464	5.2880
-1.40	0.1713	1.0170	6.3143	4.9283	1.2812	1.2728	5.3323
-1.20	0.3699	1.0136	5.5469	4.2406	1.3080	1.3003	5.3806
-1.00	0.5687	1.0109	4.9363	3.6945	1.3361	1.3292	5.4327
-0.80	0.7678	1.0087	4.4488	3.2595	1.3649	1.3612	5.4919
-0.60	0.9671	1.0071	4.0551	2.9109	1.3931	1.3906	5.5463
-0.40	1.1665	1.0059	3.7452	2.6294	1.4244	1.4226	5.6062
-0.20	1.3662	1.0050	3.5013	2.4058	1.4554	1.4549	5.6672
0.0	1.5660	1.0045	3.3038	2.2269	1.4835	1.4829	5.7201
0.20	1.7659	1.0044	3.1459	2.0832	1.5101	1.5096	5.7711
0.40	1.9661	1.0049	3.0172	1.9735	1.5289	1.5318	5.8147
0.60	2.1666	1.0060	2.9174	1.8812	1.5508	1.5535	5.8590
0.80	2.3675	1.0081	2.8392	1.8095	1.5690	1.5760	5.9075
1.00	2.5691	1.0118	2.7731	1.7550	1.5801	1.5954	5.9546
1.20	2.7717	1.0179	2.7260	1.7116	1.5927	1.6152	6.0092
1.40	2.9758	1.0276	2.6875	1.6800	1.5997	1.6434	6.0905
1.60	3.1824	1.0432	2.6559	1.6539	1.6059	1.6712	6.1882
1.80	3.3926	1.0681	2.6333	1.6415	1.6042	1.7070	6.3283
2.00	3.6084	1.1076	2.6218	1.6359	1.6026	1.7591	6.5417
2.20	3.8323	1.1702	2.6205	1.6409	1.5969	1.8262	6.8513
2.40	4.0676	1.2694	0.0	1.6664	0.0	0.0	0.0

T= 10200

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-5.00	-3.1953	1.7065	0.0	63.3495	0.0	0.0	0.0
-4.80	-3.0152	1.6302	0.0	67.0198	0.0	1.1192	6.3933
-4.60	-2.8367	1.5515	84.4027	67.1994	1.2560	1.1181	6.2341
-4.40	-2.6588	1.4744	80.8768	64.3571	1.2567	1.1175	6.0758
-4.20	-2.4806	1.4020	74.3154	59.3553	1.2520	1.1178	5.9256
-4.00	-2.3014	1.3365	66.0800	53.1306	1.2437	1.1193	5.7892
-3.80	-2.1206	1.2788	57.3109	46.4534	1.2337	1.1214	5.6682
-3.60	-1.9378	1.2290	48.7915	39.8920	1.2231	1.1239	5.5631
-3.40	-1.7530	1.1869	41.0313	33.7958	1.2132	1.1277	5.4761
-3.20	-1.5661	1.1517	34.1806	28.3552	1.2054	1.1325	5.4058
-3.00	-1.3772	1.1226	28.3374	23.6225	1.1996	1.1383	5.3506
-2.80	-1.1865	1.0987	23.4427	19.5890	1.1967	1.1456	5.3105
-2.60	-0.9943	1.0793	19.4034	16.2123	1.1968	1.1542	5.2830
-2.40	-0.8006	1.0636	16.0942	13.4174	1.1995	1.1649	5.2686
-2.20	-0.6059	1.0509	13.4165	11.1244	1.2060	1.1780	5.2664
-2.00	-0.4101	1.0407	11.2449	9.2447	1.2164	1.1934	5.2750
-1.80	-0.2135	1.0325	9.5043	7.7237	1.2305	1.2116	5.2941
-1.60	-0.0163	1.0259	8.1027	6.4967	1.2472	1.2318	5.3210
-1.40	0.1815	1.0207	6.9772	5.5046	1.2675	1.2555	5.3582
-1.20	0.3797	1.0165	6.0860	4.7109	1.2919	1.2810	5.4013
-1.00	0.5783	1.0132	5.3631	4.0706	1.3175	1.3091	5.4513
-0.80	0.7772	1.0106	4.7928	3.5610	1.3459	1.3381	5.5042
-0.60	0.9763	1.0086	4.3337	3.1482	1.3766	1.3696	5.5631
-0.40	1.1756	1.0070	3.9712	2.8272	1.4046	1.4022	5.6247
-0.20	1.3752	1.0059	3.6788	2.5633	1.4352	1.4312	5.6795
0.0	1.5749	1.0052	3.4472	2.3579	1.4620	1.4603	5.7349

T= 10200

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
0.20	1.7748	1.0050	3.2619	2.1902	1.4893	1.4896	5.7915
0.40	1.9749	1.0053	3.1105	2.0551	1.5135	1.5165	5.8444
0.60	2.1753	1.0064	2.9955	1.9509	1.5354	1.5400	5.8925
0.80	2.3762	1.0084	2.9051	1.8673	1.5557	1.5614	5.9394
1.00	2.5778	1.0120	2.8276	1.8052	1.5664	1.5831	5.9911
1.20	2.7803	1.0180	2.7713	1.7489	1.5846	1.6031	6.0467
1.40	2.9845	1.0277	2.7228	1.7121	1.5903	1.6302	6.1265
1.60	3.1910	1.0432	2.6850	1.6831	1.5953	1.6590	6.2268
1.80	3.4012	1.0680	2.6594	1.6687	1.5937	1.6962	6.3707
2.00	3.6169	1.1073	2.6450	1.6594	1.5939	1.7466	6.5825
2.20	3.8407	1.1697	2.6429	1.6645	1.5878	1.8136	6.8942
2.40	4.0759	1.2686	0.0	1.6877	0.0	0.0	0.0

T= 10400

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-5.00	-3.1725	1.7638	0.0	55.9795	0.0	0.0	0.0
-4.80	-2.9904	1.6926	77.1568	62.1231	1.2420	1.1220	6.5867
-4.60	-2.8106	1.6156	81.4428	65.0289	1.2524	1.1202	6.4299
-4.40	-2.6323	1.5369	81.3041	64.6161	1.2583	1.1195	6.2693
-4.20	-2.4545	1.4605	77.3400	61.4285	1.2590	1.1195	6.1114
-4.00	-2.2762	1.3893	70.6064	56.3136	1.2538	1.1198	5.9616
-3.80	-2.0967	1.3252	62.4491	50.1828	1.2444	1.1214	5.8264
-3.60	-1.9155	1.2690	53.9701	43.7256	1.2343	1.1236	5.7072
-3.40	-1.7324	1.2207	45.8420	37.4639	1.2236	1.1264	5.6046
-3.20	-1.5471	1.1799	38.4486	31.6875	1.2134	1.1307	5.5205
-3.00	-1.3598	1.1459	32.0257	26.5550	1.2060	1.1358	5.4527
-2.80	-1.1706	1.1179	26.5652	22.1224	1.2008	1.1419	5.4000
-2.60	-0.9796	1.0949	21.9980	18.3543	1.1985	1.1501	5.3634
-2.40	-0.7871	1.0762	18.2414	15.1981	1.2002	1.1597	5.3396
-2.20	-0.5932	1.0611	15.1520	12.5850	1.2040	1.1714	5.3285
-2.00	-0.3983	1.0488	12.6682	10.4507	1.2122	1.1856	5.3298
-1.80	-0.2023	1.0390	10.6395	8.7064	1.2220	1.2010	5.3390
-1.60	-0.0056	1.0312	9.0307	7.2903	1.2387	1.2214	5.3639
-1.40	0.1917	1.0249	7.7248	6.1555	1.2550	1.2429	5.3943
-1.20	0.3896	1.0199	6.6671	5.2339	1.2738	1.2664	5.4318
-1.00	0.5879	1.0159	5.8476	4.4986	1.2999	1.2941	5.4802
-0.80	0.7865	1.0127	5.1696	3.9010	1.3252	1.3220	5.5304
-0.60	0.9855	1.0103	4.6393	3.4281	1.3533	1.3517	5.5854
-0.40	1.1847	1.0084	4.2106	3.0469	1.3819	1.3837	5.6456
-0.20	1.3841	1.0070	3.8804	2.7426	1.4148	1.4141	5.7035
0.0	1.5837	1.0061	3.6038	2.4969	1.4433	1.4418	5.7566
0.20	1.7835	1.0057	3.3906	2.3079	1.4691	1.4721	5.8155
0.40	1.9836	1.0059	3.2267	2.1581	1.4952	1.5017	5.8742
0.60	2.1840	1.0068	3.0846	2.0377	1.5137	1.5271	5.9263
0.80	2.3848	1.0087	2.9667	1.9349	1.5332	1.5503	5.9770
1.00	2.5863	1.0123	2.8838	1.8491	1.5596	1.5709	6.0269
1.20	2.7888	1.0182	2.8131	1.8011	1.5619	1.5952	6.0911
1.40	2.9929	1.0278	2.7670	1.7492	1.5819	1.6189	6.1651
1.60	3.1994	1.0432	2.7216	1.7180	1.5842	1.6503	6.2713
1.80	3.4095	1.0679	2.6873	1.6887	1.5913	1.6875	6.4160
2.00	3.6252	1.1070	2.6707	1.6800	1.5897	1.7367	6.6272
2.20	3.8489	1.1692	2.6711	1.6909	1.5797	1.8066	6.9465
2.40	4.0841	1.2677	0.0	1.7256	0.0	0.0	0.0

T= 10500

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-5.00	-3.1621	1.7896	0.0	51.9480	0.0	0.0	0.0
-4.80	-2.9789	1.7217	73.0745	59.0238	1.2381	1.1253	6.6847
-4.60	-2.7983	1.6465	79.0448	63.2125	1.2505	1.1226	6.5292
-4.40	-2.6195	1.5680	80.5885	64.0589	1.2580	1.1207	6.3662
-4.20	-2.4415	1.4903	78.0406	61.9134	1.2605	1.1213	6.2081
-4.00	-2.2635	1.4168	72.3655	57.5342	1.2578	1.1219	6.0547
-3.80	-2.0846	1.3497	64.7798	51.8115	1.2503	1.1228	5.9121
-3.60	-1.9041	1.2903	56.4484	45.5215	1.2400	1.1243	5.7844
-3.40	-1.7218	1.2389	48.2670	39.2566	1.2295	1.1275	5.6761
-3.20	-1.5374	1.1952	40.6753	33.3508	1.2196	1.1308	5.5831
-3.00	-1.3509	1.1587	33.9734	28.0562	1.2109	1.1351	5.5075
-2.80	-1.1624	1.1283	28.2188	23.4329	1.2042	1.1408	5.4487
-2.60	-0.9721	1.1035	23.3749	19.4722	1.2004	1.1478	5.4048
-2.40	-0.7801	1.0832	19.3856	16.1378	1.2013	1.1576	5.3776
-2.20	-0.5868	1.0667	16.0946	13.3635	1.2044	1.1672	5.3586
-2.00	-0.3922	1.0534	13.4212	11.0964	1.2095	1.1809	5.3563
-1.80	-0.1967	1.0427	11.2646	9.2327	1.2201	1.1951	5.3610
-1.60	-0.0002	1.0341	9.5196	7.7268	1.2320	1.2122	5.3770
-1.40	0.1969	1.0272	8.1224	6.5035	1.2489	1.2326	5.4039
-1.20	0.3945	1.0217	7.0000	5.5155	1.2691	1.2559	5.4402
-1.00	0.5927	1.0174	6.1030	4.7224	1.2923	1.2819	5.4845
-0.80	0.7912	1.0139	5.3832	4.0891	1.3165	1.3118	5.5385
-0.60	0.9900	1.0112	4.8142	3.5792	1.3451	1.3378	5.5857
-0.40	1.1891	1.0092	4.3555	3.1678	1.3749	1.3674	5.6414
-0.20	1.3885	1.0076	3.9824	2.8456	1.3995	1.3993	5.7026
0.0	1.5880	1.0066	3.6973	2.5821	1.4319	1.4297	5.7613
0.20	1.7878	1.0061	3.4626	2.3703	1.4608	1.4583	5.8171
0.40	1.9879	1.0062	3.2778	2.2072	1.4850	1.4854	5.8711
0.60	2.1882	1.0070	3.1301	2.0723	1.5104	1.5141	5.9301
0.80	2.3890	1.0089	3.0133	1.9740	1.5265	1.5367	5.9797
1.00	2.5905	1.0124	2.9194	1.8867	1.5474	1.5635	6.0420
1.20	2.7930	1.0182	2.8390	1.8230	1.5573	1.5905	6.1116
1.40	2.9971	1.0278	2.7845	1.7712	1.5721	1.6103	6.1783
1.60	3.2036	1.0432	2.7434	1.7322	1.5837	1.6433	6.2879
1.80	3.4137	1.0678	2.7082	1.7068	1.5867	1.6855	6.4428
2.00	3.6293	1.1069	2.6844	1.7018	1.5774	1.7336	6.6526
2.20	3.8530	1.1690	2.6866	1.7038	1.5768	1.8016	6.9694
2.40	4.0881	1.2673	0.0	1.7358	0.0	0.0	0.0

T= 10400

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-5.00	-3.1523	1.8132	0.0	47.8076	0.0	0.0	0.0
-4.80	-2.9679	1.7491	68.6694	55.6225	1.2346	1.1293	6.7817
-4.60	-2.7863	1.6763	76.0826	60.9352	1.2486	1.1259	6.6291
-4.40	-2.6070	1.5986	79.2563	63.0404	1.2572	1.1236	6.4671
-4.20	-2.4288	1.5202	78.1838	61.9987	1.2611	1.1224	6.3028
-4.00	-2.2509	1.4447	73.6622	58.4647	1.2599	1.1225	6.1448
-3.80	-2.0724	1.3749	66.8195	53.2423	1.2550	1.1238	5.9981
-3.60	-1.8926	1.3125	58.7995	47.2108	1.2455	1.1253	5.8640
-3.40	-1.7110	1.2580	50.6154	40.9859	1.2349	1.1274	5.7465
-3.20	-1.5274	1.2114	42.9047	35.0150	1.2253	1.1309	5.6476
-3.00	-1.3417	1.1721	35.9547	29.5668	1.2160	1.1354	5.5665
-2.80	-1.1540	1.1395	29.9271	24.7687	1.2083	1.1406	5.5009
-2.60	-0.9644	1.1126	24.8199	20.6107	1.2042	1.1469	5.4507

T= 10600

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-2.40	-0.7730	1.0906	20.5504	17.1073	1.2013	1.1540	5.4132
-2.20	-0.5802	1.0727	17.0807	14.1818	1.2044	1.1642	5.3923
-2.00	-0.3861	1.0582	14.2159	11.7672	1.2081	1.1760	5.3828
-1.80	-0.1909	1.0466	11.9158	9.7866	1.2176	1.1905	5.3862
-1.60	0.0052	1.0372	10.0359	8.1805	1.2268	1.2057	5.3961
-1.40	0.2020	1.0297	8.5473	6.8630	1.2454	1.2245	5.4183
-1.20	0.3995	1.0238	7.3564	5.8112	1.2659	1.2470	5.4520
-1.00	0.5975	1.0190	6.3737	4.9574	1.2857	1.2702	5.4897
-0.80	0.7959	1.0152	5.6139	4.2828	1.3108	1.2971	5.5373
-0.60	0.9946	1.0123	4.9982	3.7321	1.3392	1.3265	5.5915
-0.40	1.1936	1.0100	4.5084	3.2951	1.3682	1.3562	5.6473
-0.20	1.3929	1.0083	4.0973	2.9506	1.3886	1.3847	5.7015
0.0	1.5924	1.0071	3.7927	2.6702	1.4204	1.4173	5.7648
0.20	1.7921	1.0065	3.5396	2.4410	1.4501	1.4449	5.8189
0.40	1.9921	1.0065	3.3335	2.2574	1.4767	1.4711	5.8716
0.60	2.1925	1.0073	3.1805	2.1119	1.5060	1.5012	5.9336
0.80	2.3932	1.0091	3.0616	2.0095	1.5236	1.5302	5.9961
1.00	2.5947	1.0125	2.9588	1.9261	1.5362	1.5538	6.0523
1.20	2.7972	1.0184	2.8736	1.8442	1.5582	1.5779	6.1165
1.40	3.0012	1.0279	2.8047	1.7966	1.5611	1.6028	6.1934
1.60	3.2077	1.0432	2.7642	1.7528	1.5770	1.6318	6.2957
1.80	3.4178	1.0678	2.7297	1.7300	1.5779	1.6728	5.4487
2.00	3.6334	1.1068	2.7005	1.7196	1.5704	1.7252	6.6677
2.20	3.8570	1.1687	2.7007	1.7195	1.5706	1.7934	6.9859
2.40	4.0920	1.2669	0.0	1.7453	0.0	0.0	0.0

T= 10800

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-5.00	-3.1344	1.8542	0.0	39.7122	0.0	0.0	0.0
-4.80	-2.9477	1.7985	59.1831	48.2807	1.2258	1.1352	6.9592
-4.60	-2.7640	1.7320	68.5909	55.3452	1.2393	1.1296	6.8127
-4.40	-2.5831	1.6577	74.8633	59.7563	1.2528	1.1265	6.6558
-4.20	-2.4041	1.5794	76.9759	61.0150	1.2616	1.1250	6.4925
-4.00	-2.2261	1.5014	75.0413	59.3589	1.2642	1.1241	6.3275
-3.80	-2.0481	1.4272	69.9652	55.4713	1.2613	1.1243	6.1695
-3.60	-1.8693	1.3591	62.9525	50.1830	1.2545	1.1256	6.0241
-3.40	-1.6891	1.2986	55.0950	44.2567	1.2449	1.1273	5.8930
-3.20	-1.5071	1.2460	47.2291	38.2757	1.2339	1.1300	5.7793
-3.00	-1.3229	1.2013	39.9325	32.6123	1.2245	1.1335	5.6835
-2.80	-1.1367	1.1637	33.4174	27.4897	1.2156	1.1380	5.6049
-2.60	-0.9485	1.1325	27.8127	22.9948	1.2095	1.1441	5.5442
-2.40	-0.7585	1.1069	23.0780	19.1426	1.2056	1.1508	5.4971
-2.20	-0.5668	1.0859	19.1423	15.8966	1.2042	1.1593	5.4648
-2.00	-0.3736	1.0690	15.9274	13.1880	1.2077	1.1703	5.4476
-1.80	-0.1792	1.0552	13.2995	10.9594	1.2135	1.1832	5.4424
-1.60	0.0162	1.0442	11.1768	9.1303	1.2241	1.1976	5.4466
-1.40	0.2125	1.0353	9.4603	7.6522	1.2363	1.2159	5.4647
-1.20	0.4095	1.0282	8.0758	6.4496	1.2521	1.2358	5.4903
-1.00	0.6071	1.0226	6.9756	5.4809	1.2727	1.2585	5.5252
-0.80	0.8052	1.0181	6.0866	4.6987	1.2954	1.2840	5.5687
-0.60	1.0037	1.0145	5.3746	4.0726	1.3197	1.3116	5.6184
-0.40	1.2025	1.0118	4.8056	3.5717	1.3455	1.3408	5.6729
-0.20	1.4016	1.0097	4.3594	3.1643	1.3777	1.3693	5.7270
0.0	1.6010	1.0083	3.9964	2.8453	1.4046	1.3991	5.7849

T= 10800

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
0.20	1.8006	1.0074	3.7106	2.5901	1.4326	1.4314	5.8489
0.40	2.0005	1.0072	3.4775	2.3867	1.4570	1.4603	5.9069
0.60	2.2008	1.0078	3.2907	2.2202	1.4822	1.4864	5.9614
0.80	2.4016	1.0096	3.1418	2.0846	1.5071	1.5132	6.0199
1.00	2.6030	1.0129	3.0252	1.9823	1.5261	1.5392	6.0814
1.20	2.8054	1.0186	2.9385	1.9053	1.5423	1.5648	6.1491
1.40	3.0094	1.0280	2.8619	1.8414	1.5542	1.5955	6.2378
1.60	3.2158	1.0433	2.8040	1.7973	1.5601	1.6235	6.3387
1.80	3.4259	1.0677	2.7614	1.7665	1.5632	1.6616	6.4873
2.00	3.6414	1.1066	2.7380	1.7465	1.5677	1.7143	6.7076
2.20	3.8650	1.1683	2.7280	1.7546	1.5547	1.7827	7.0289
2.40	4.0999	1.2660	0.0	1.7910	0.0	0.0	0.0

T= 11000

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-5.00	-3.1188	1.8873	0.0	32.2594	0.0	0.0	0.0
-4.80	-2.9297	1.8402	49.6978	40.7631	1.2192	1.1430	7.1288
-4.60	-2.7438	1.7814	60.1113	48.7776	1.2324	1.1355	6.9910
-4.40	-2.5610	1.7125	68.5484	55.0092	1.2461	1.1310	6.8409
-4.20	-2.3806	1.6367	73.5716	58.4785	1.2581	1.1283	6.6799
-4.00	-2.2020	1.5582	74.5283	58.9007	1.2653	1.1270	6.5138
-3.80	-2.0241	1.4809	71.7601	56.6491	1.2667	1.1265	6.3488
-3.60	-1.8460	1.4082	66.2060	52.4523	1.2622	1.1267	6.1914
-3.40	-1.6668	1.3420	59.1096	47.1104	1.2547	1.1280	6.0478
-3.20	-1.4862	1.2837	51.4475	41.3264	1.2449	1.1304	5.9212
-3.00	-1.3035	1.2333	43.9271	35.6006	1.2339	1.1334	5.8113
-2.80	-1.1189	1.1905	37.0340	30.2495	1.2243	1.1369	5.7187
-2.60	-0.9321	1.1548	30.9644	25.4549	1.2164	1.1417	5.6440
-2.40	-0.7434	1.1252	25.7648	21.2756	1.2110	1.1481	5.5868
-2.20	-0.5529	1.1009	21.3984	17.7033	1.2087	1.1561	5.5454
-2.00	-0.3608	1.0811	17.7780	14.7090	1.2087	1.1654	5.5173
-1.80	-0.1672	1.0650	14.8242	12.2234	1.2128	1.1766	5.5024
-1.60	0.0274	1.0521	12.4119	10.1822	1.2190	1.1898	5.4994
-1.40	0.2231	1.0417	10.4566	8.5067	1.2292	1.2059	5.5090
-1.20	0.4196	1.0333	8.8876	7.1502	1.2430	1.2249	5.5300
-1.00	0.6168	1.0266	7.6274	6.0505	1.2606	1.2460	5.5594
-0.80	0.8146	1.0213	6.6177	5.1607	1.2823	1.2697	5.5975
-0.60	1.0128	1.0171	5.8056	4.4505	1.3045	1.2951	5.6416
-0.40	1.2114	1.0139	5.1561	3.8757	1.3304	1.3221	5.6909
-0.20	1.4103	1.0114	4.6354	3.4162	1.3569	1.3510	5.7458
0.0	1.6095	1.0096	4.2235	3.0462	1.3865	1.3810	5.8041
0.20	1.8091	1.0085	3.8874	2.7529	1.4121	1.4120	5.8656
0.40	2.0089	1.0081	3.6244	2.5156	1.4438	1.4413	5.9249
0.60	2.2091	1.0085	3.4119	2.3315	1.4634	1.4687	5.9822
0.80	2.4097	1.0101	3.2422	2.1824	1.4856	1.4945	6.0393
1.00	2.6111	1.0133	3.1102	2.0618	1.5085	1.5214	6.1031
1.20	2.8135	1.0189	3.0019	1.9661	1.5268	1.5516	6.1804
1.40	3.0175	1.0282	2.9226	1.8986	1.5393	1.5793	6.2637
1.60	3.2238	1.0434	2.8557	1.8406	1.5515	1.6123	6.3752
1.80	3.4338	1.0676	2.8099	1.8088	1.5534	1.6486	6.5212
2.00	3.6493	1.1063	2.7801	1.7899	1.5532	1.6990	6.7391
2.20	3.8728	1.1678	2.7721	1.7918	1.5471	1.7639	7.0549
2.40	4.1075	1.2652	0.0	1.8287	0.0	0.0	0.0

T= 11200

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-5.00	-3.1050	1.9134	0.0	25.8730	0.0	0.0	0.0
-4.80	-2.9139	1.8745	40.8679	33.6885	1.2131	1.1527	7.2909
-4.60	-2.7258	1.8240	51.3345	41.8775	1.2258	1.1426	7.1604
-4.40	-2.5408	1.7620	61.0339	49.2656	1.2389	1.1364	7.0184
-4.20	-2.3587	1.6906	68.3616	54.5832	1.2524	1.1325	6.8631
-4.00	-2.1790	1.6136	72.0672	57.0553	1.2631	1.1298	6.6969
-3.80	-2.0006	1.5351	71.8761	56.6680	1.2684	1.1288	6.5292
-3.60	-1.8228	1.4589	68.3100	53.8537	1.2684	1.1290	6.3655
-3.40	-1.6444	1.3880	62.4075	49.4055	1.2632	1.1294	6.2099
-3.20	-1.4649	1.3241	55.2622	44.0523	1.2545	1.1309	6.0695
-3.00	-1.2836	1.2681	47.8237	38.4355	1.2443	1.1332	5.9458
-2.80	-1.1004	1.2200	40.6928	32.9812	1.2338	1.1365	5.8403
-2.60	-0.9151	1.1794	34.2196	27.9526	1.2242	1.1407	5.7528
-2.40	-0.7278	1.1455	28.5733	23.4839	1.2167	1.1457	5.6823
-2.20	-0.5385	1.1176	23.7803	19.6107	1.2126	1.1530	5.6302
-2.00	-0.3475	1.0947	19.7703	16.3287	1.2108	1.1617	5.5932
-1.80	-0.1549	1.0761	16.4515	13.5760	1.2118	1.1710	5.5677
-1.60	0.0389	1.0610	13.7510	11.2994	1.2170	1.1834	5.5577
-1.40	0.2339	1.0488	11.5536	9.4312	1.2250	1.1976	5.5590
-1.20	0.4299	1.0391	9.7851	7.9062	1.2376	1.2152	5.5734
-1.00	0.6266	1.0313	8.3507	6.6731	1.2514	1.2342	5.5958
-0.80	0.8240	1.0250	7.1926	5.6645	1.2698	1.2549	5.6255
-0.60	1.0219	1.0201	6.2769	4.8569	1.2923	1.2796	5.6667
-0.40	1.2202	1.0162	5.5360	4.2100	1.3150	1.3045	5.7108
-0.20	1.4189	1.0133	4.9470	3.6916	1.3401	1.3330	5.7645
0.0	1.6180	1.0111	4.4677	3.2673	1.3674	1.3632	5.8232
0.20	1.8174	1.0097	4.0940	2.9359	1.3945	1.3925	5.8811
0.40	2.0171	1.0090	3.7940	2.6649	1.4237	1.4220	5.9411
0.60	2.2172	1.0093	3.5551	2.4565	1.4472	1.4502	6.0005
0.80	2.4178	1.0107	3.3642	2.2823	1.4740	1.4802	6.0664
1.00	2.6191	1.0137	3.2088	2.1499	1.4925	1.5058	6.1280
1.20	2.8215	1.0192	3.0855	2.0428	1.5105	1.5332	6.2002
1.40	3.0254	1.0284	2.9885	1.9573	1.5268	1.5629	6.2882
1.60	3.2317	1.0435	2.9139	1.8982	1.5351	1.5949	6.3984
1.80	3.4416	1.0676	2.8591.	1.8533	1.5427	1.6352	6.5535
2.00	3.6570	1.1061	2.8259	1.8355	1.5396	1.6830	6.7674
2.20	3.8804	1.1674	2.8181	1.8369	1.5342	1.7458	7.0807
2.40	4.1151	1.2643	0.0	1.8845	0.0	0.0	0.0

T= 11400

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-5.00	-3.0927	1.9335	0.0	20.6057	0.0	0.0	0.0
-4.80	-2.8999	1.9021	33.3972	27.4188	1.2180	0.0	0.0
-4.60	-2.7097	1.8596	43.0640	35.2232	1.2226	1.1512	7.3215
-4.40	-2.5226	1.8053	53.0443	43.0445	1.2323	1.1420	7.1850
-4.20	-2.3385	1.7400	61.8858	49.6463	1.2465	1.1365	7.0369
-4.00	-2.1573	1.6665	67.9794	53.9776	1.2594	1.1331	6.8764
-3.80	-1.9781	1.5886	70.3537	55.4865	1.2679	1.1310	6.7073
-3.60	-1.8000	1.5104	69.0116	54.3029	1.2709	1.1300	6.5374
-3.40	-1.6220	1.4357	64.6784	50.9919	1.2684	1.1304	6.3747
-3.20	-1.4434	1.3669	58.5384	46.3433	1.2631	1.1316	6.2234
-3.00	-1.2633	1.3055	51.3928	41.0216	1.2528	1.1330	6.0859
-2.80	-1.0815	1.2520	44.2464	35.5979	1.2429	1.1355	5.9664
-2.60	-0.8976	1.2064	37.5092	30.4287	1.2327	1.1393	5.8664

T= 11400

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-2.40	-0.7117	1.1680	31.5041	25.7297	1.2244	1.1444	5.7854
-2.20	-0.5237	1.1361	26.2873	21.5956	1.2173	1.1504	5.7207
-2.00	-0.3338	1.1099	21.8933	18.0256	1.2146	1.1583	5.6737
-1.80	-0.1423	1.0884	18.2291	15.0161	1.2140	1.1671	5.6399
-1.60	0.0507	1.0710	15.2063	12.4998	1.2165	1.1782	5.6212
-1.40	0.2449	1.0569	12.7439	10.4285	1.2220	1.1911	5.6146
-1.20	0.4403	1.0456	10.7345	8.7213	1.2308	1.2063	5.6198
-1.00	0.6365	1.0365	9.1329	7.3319	1.2456	1.2253	5.6393
-0.80	0.8334	1.0292	7.8411	6.2225	1.2601	1.2450	5.6645
-0.60	1.0310	1.0235	6.7859	5.3124	1.2774	1.2669	5.6979
-0.40	1.2290	1.0189	5.9643	4.5743	1.3039	1.2943	5.7465
-0.20	1.4275	1.0154	5.2907	3.9841	1.3280	1.3204	5.7943·
0.0	1.6264	1.0128	4.7570	3.5195	1.3516	1.3488	5.8488
0.20	1.8257	1.0110	4.3246	3.1339	1.3800	1.3781	5.9067
0.40	2.0253	1.0101	3.9800	2.8320	1.4054	1.4075	5.9665
0.60	2.2253	1.0101	3.7019	2.5817	1.4339	1.4383	6.0316
0.80	2.4258	1.0113	3.4782	2.3940	1.4529	1.4674	6.0960
1.00	2.6270	1.0142	3.3130	2.2342	1.4829	1.4965	6.1650
1.20	2.8293	1.0196	3.1748	2.1221	1.4961	1.5194	6.2283
1.40	3.0332	1.0287	3.0640	2.0315	1.5082	1.5489	6.3165
1.60	3.2394	1.0436	2.9817	1.9614	1.5202	1.5848	6.4354
1.80	3.4493	1.0676	2.9181	1.9133	1.5252	1.6237	6.5884
2.00	3.6646	1.1060	2.8762	1.8851	1.5258	1.6743	6.8092
2.20	3.8879	1.1669	2.8586	1.8935	1.5097	1.7333	7.1166
2.40	4.1224	1.2634	0.0	1.9344	0.0	0.0	0.0

T= 11500

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-5.00	-3.0871	1.9418	0.0	18.3870	0.0	0.0	0.0
-4.80	-2.8935	1.9136	30.1038	24.6631	1.2206	0.0	0.0
-4.60	-2.7023	1.8749	39.1727	32.0943	1.2206	1.1580	7.4056
-4.40	-2.5142	1.8245	49.0904	39.9195	1.2297	1.1476	7.2724
-4.20	-2.3291	1.7627	58.3132	46.9478	1.2421	1.1394	7.1226
-4.00	-2.1470	1.6915	65.3793	52.0408	1.2563	1.1360	6.9671
-3.80	-1.9672	1.6146	68.9757	54.4553	1.2666	1.1332	6.7983
-3.60	-1.7889	1.5362	68.8768	54.1232	1.2726	1.1324	6.6290
-3.40	-1.6110	1.4600	65.4785	51.5013	1.2714	1.1312	6.4589
-3.20	-1.4326	1.3890	59.8690	47.2874	1.2661	1.1324	6.3031
-3.00	-1.2531	1.3250	53.0671	42.2068	1.2573	1.1335	6.1594
-2.80	-1.0719	1.2689	45.9762	36.8527	1.2476	1.1362	6.0348
-2.60	-0.8887	1.2207	39.1952	31.6600	1.2380	1.1401	5.9292
-2.40	-0.7034	1.1800	33.0142	26.8605	1.2291	1.1448	5.8417
-2.20	-0.5161	1.1461	27.5815	22.5966	1.2206	1.1498	5.7696
-2.00	-0.3268	1.1181	22.9913	18.9005	1.2164	1.1567	5.7155
-1.80	-0.1358	1.0951	19.1501	15.7577	1.2153	1.1646	5.6759
-1.60	0.0567	1.0764	15.9588	13.1308	1.2154	1.1742	5.6503
-1.40	0.2505	1.0613	13.3712	10.9502	1.2211	1.1881	5.6437
-1.20	0.4455	1.0491	11.2511	9.1507	1.2295	1.2005	5.6405
-1.00	0.6415	1.0393	9.5505	7.6913	1.2417	1.2183	5.6555
-0.80	0.8382	1.0315	8.1777	6.5052	1.2571	1.2369	5.6771
-0.60	1.0355	1.0253	7.0661	5.5496	1.2733	1.2582	5.7085
-0.40	1.2335	1.0204	6.1820	4.7695	1.2962	1.2857	5.7566
-0.20	1.4318	1.0166	5.4681	4.1470	1.3186	1.3103	5.8005
0.0	1.6306	1.0137	4.9013	3.6469	1.3440	1.3381	5.8537

T= 11500

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
0.20	1.8298	1.0118	4.4399	3.2372	1.3715	1.3650	5.9064
0.40	2.0293	1.0107	4.0764	2.9201	1.3960	1.3906	5.9583
0.60	2.2293	1.0106	3.7869	2.6621	1.4225	1.4203	6.0212
0.80	2.4298	1.0117	3.5537	2.4542	1.4480	1.4533	6.0942
1.00	2.6310	1.0145	3.3679	2.2939	1.4682	1.4803	6.1591
1.20	2.8332	1.0199	3.2174	2.1639	1.4869	1.5135	6.2441
1.40	3.0370	1.0288	3.1086	2.0698	1.5019	1.5398	6.3259
1.60	3.2433	1.0437	3.0181	1.9932	1.5142	1.5788	6.4515
1.80	3.4531	1.0676	2.9522	1.9457	1.5173	1.6155	6.6005
2.00	3.6684	1.1059	2.9031	1.9114	1.5188	1.6638	6.8173
2.20	3.8916	1.1667	2.8964	1.9137	1.5135	1.7251	7.1302
2.40	4.1261	1.2629	0.0	1.9648	0.0	0.0	0.0

T= 11600

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-5.00	-3.0817	1.9490	0.0	16.4292	0.0	0.0	0.0
-4.80	-2.8874	1.9238	27.1249	22.1519	1.2245	0.0	0.0
-4.60	-2.6954	1.8887	35.5885	29.1477	1.2210	1.1657	7.4900
-4.40	-2.5062	1.8422	45.2052	36.8271	1.2275	1.1530	7.3567
-4.20	-2.3202	1.7840	54.6709	44.1394	1.2386	1.1443	7.2123
-4.00	-2.1371	1.7156	62.4977	49.8931	1.2526	1.1385	7.0546
-3.80	-1.9567	1.6401	67.2186	53.1622	1.2644	1.1354	6.8882
-3.60	-1.7779	1.5617	68.3586	53.7015	1.2729	1.1342	6.7179
-3.40	-1.6000	1.4844	65.9871	51.7932	1.2740	1.1334	6.5473
-3.20	-1.4219	1.4115	60.9944	48.0713	1.2688	1.1334	6.3844
-3.00	-1.2428	1.3451	54.6256	43.2859	1.2620	1.1347	6.2362
-2.80	-1.0622	1.2864	47.6524	38.0578	1.2521	1.1369	6.1046
-2.60	-0.8796	1.2357	40.8142	32.8663	1.2418	1.1400	5.9910
-2.40	-0.6950	1.1926	34.5049	27.9912	1.2327	1.1441	5.8962
-2.20	-0.5084	1.1565	28.9137	23.6057	1.2249	1.1491	5.8191
-2.00	-0.3197	1.1267	24.1135	19.7898	1.2185	1.1548	5.7576
-1.80	-0.1293	1.1022	20.0831	16.5182	1.2158	1.1628	5.7143
-1.60	0.0627	1.0822	16.7463	13.7767	1.2156	1.1721	5.6850
-1.40	0.2562	1.0659	14.0196	11.4820	1.2210	1.1844	5.6718
-1.20	0.4508	1.0529	11.7947	9.6019	1.2284	1.1978	5.6685
-1.00	0.6465	1.0423	9.9826	8.0649	1.2378	1.2124	5.6745
-0.80	0.8429	1.0339	8.5257	6.8029	1.2532	1.2309	5.6945
-0.60	1.0401	1.0272	7.3596	5.7925	1.2705	1.2517	5.7237
-0.40	1.2379	1.0219	6.4356	4.9735	1.2879	1.2731	5.7575
-0.20	1.4361	1.0178	5.6568	4.3130	1.3116	1.3004	5.8073
0.0	1.6348	1.0147	5.0486	3.7757	1.3371	1.3276	5.8588
0.20	1.8339	1.0126	4.5661	3.3520	1.3622	1.3522	5.9066
0.40	2.0333	1.0113	4.1819	3.0137	1.3876	1.3832	5.9702
0.60	2.2332	1.0111	3.8760	2.7423	1.4134	1.4086	6.0241
0.80	2.4337	1.0121	3.6333	2.5201	1.4417	1.4389	6.0915
1.00	2.6348	1.0148	3.4245	2.3536	1.4550	1.4678	6.1605
1.20	2.8371	1.0200	3.2689	2.2120	1.4778	1.4966	6.2367
1.40	3.0409	1.0290	3.1505	2.1022	1.4987	1.5272	6.3278
1.60	3.2471	1.0438	3.0512	2.0274	1.5049	1.5607	6.4425
1.80	3.4569	1.0676	2.9815	1.9748	1.5098	1.6001	6.5974
2.00	3.6721	1.1058	2.9342	1.9433	1.5099	1.6498	6.8178
2.20	3.8953	1.1665	2.9308	1.9398	1.5109	1.7132	7.1356
2.40	4.1297	1.2625	0.0	2.0082	0.0	0.0	0.0

T= 11800

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-5.00	-3.0717	1.9607	0.0	13.2117	0.0	0.0	0.0
-4.80	-2.8762	1.9407	22.0589	17.8675	1.2346	1.2022	7.7764
-4.60	-2.6826	1.9122	29.2621	23.8975	1.2245	1.1784	7.6422
-4.40	-2.4916	1.8731	38.0008	30.9825	1.2265	1.1621	7.5111
-4.20	-2.3035	1.8223	47.4568	38.4279	1.2350	1.1509	7.3729
-4.00	-2.1186	1.7601	56.2144	45.0946	1.2466	1.1433	7.2220
-3.80	-1.9366	1.6887	62.8548	49.8660	1.2605	1.1391	7.0610
-3.60	-1.7568	1.6118	66.1514	52.0910	1.2699	1.1365	6.8904
-3.40	-1.5785	1.5334	65.9483	51.7027	1.2755	1.1352	6.7169
-3.20	-1.4006	1.4574	62.6807	49.1414	1.2755	1.1353	6.5485
-3.00	-1.2222	1.3867	57.2490	45.0915	1.2696	1.1359	6.3894
-2.80	-1.0426	1.3230	50.7549	40.2471	1.2611	1.1376	6.2456
-2.60	-0.8613	1.2672	43.9557	35.1484	1.2506	1.1396	6.1181
-2.40	-0.6780	1.2193	37.4655	30.2096	1.2402	1.1427	6.0095
-2.20	-0.4926	1.1789	31.5882	25.6535	1.2313	1.1475	5.9213
-2.00	-0.3053	1.1452	26.4302	21.6010	1.2236	1.1528	5.8495
-1.80	-0.1159	1.1173	22.0669	18.0903	1.2198	1.1602	5.7964
-1.60	0.0751	1.0945	18.4149	15.1032	1.2193	1.1691	5.7589
-1.40	0.2677	1.0760	15.3819	12.6073	1.2201	1.1791	5.7344
-1.20	0.4616	1.0610	12.9192	10.5422	1.2255	1.1923	5.7260
-1.00	0.6566	1.0489	10.9016	8.8382	1.2335	1.2060	5.7259
-0.80	0.8526	1.0392	9.2764	7.4506	1.2451	1.2236	5.7409
-0.60	1.0493	1.0314	7.9664	6.3160	1.2613	1.2430	5.7646
-0.40	1.2467	1.0253	6.9115	5.4023	1.2794	1.2637	5.7950
-0.20	1.4447	1.0205	6.0658	4.6626	1.3010	1.2890	5.8390
0.0	1.6432	1.0169	5.3889	4.0689	1.3244	1.3145	5.8861
0.20	1.8420	1.0143	4.8421	3.5965	1.3463	1.3410	5.9376
0.40	2.0414	1.0127	4.4071	3.2121	1.3720	1.3694	5.9953
0.60	2.2411	1.0122	4.0535	2.8998	1.3978	1.3993	6.0587
0.80	2.4415	1.0130	3.7758	2.6593	1.4199	1.4257	6.1182
1.00	2.6426	1.0155	3.5557	2.4614	1.4446	1.4559	6.1903
1.20	2.8447	1.0205	3.3820	2.3113	1.4633	1.4813	6.2595
1.40	3.0484	1.0293	3.2393	2.1931	1.4770	1.5127	6.3528
1.60	3.2546	1.0440	3.1344	2.1062	1.4882	1.5471	6.4701
1.80	3.4643	1.0677	3.0552	2.0372	1.4997	1.5839	6.6204
2.00	3.6795	1.1056	3.0031	2.0124	1.4923	1.6349	6.8447
2.20	3.9026	1.1660	2.9816	2.0151	1.4796	1.6935	7.1541
2.40	4.1368	1.2615	0.0	2.0812	0.0	0.0	0.0

T= 12000

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-5.00	-3.0624	1.9697	0.0	10.7746	0.0	0.0	0.0
-4.80	-2.8659	1.9538	18.1255	14.4743	1.2523	0.0	0.0
-4.60	-2.6711	1.9308	24.0505	19.4830	1.2344	1.1959	7.8013
-4.40	-2.4784	1.8983	31.6576	25.7665	1.2286	1.1745	7.6662
-4.20	-2.2885	1.8548	40.4910	32.9016	1.2307	1.1598	7.5303
-4.00	-2.1017	1.7996	49.6062	39.9418	1.2420	1.1501	7.3859
-3.80	-1.9179	1.7335	57.5314	45.8335	1.2552	1.1440	7.2301
-3.60	-1.7368	1.6596	62.7766	49.5563	1.2668	1.1399	7.0615
-3.40	-1.5577	1.5816	64.6789	50.7249	1.2751	1.1378	6.8874
-3.20	-1.3796	1.5038	63.2763	49.4887	1.2786	1.1374	6.7144
-3.00	-1.2016	1.4296	59.2027	46.3880	1.2762	1.1375	6.5471
-2.80	-1.0228	1.3615	53.4184	42.0968	1.2689	1.1383	6.3913
-2.60	-0.8426	1.3008	46.9258	37.2578	1.2595	1.1401	6.2522

T= 12000

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-2.40	-0.6606	1.2481	40.3845	32.3454	1.2485	1.1429	6.1317
-2.20	-0.4765	1.2031	34.2821	27.6759	1.2387	1.1465	6.0298
-2.00	-0.2904	1.1653	28.8538	23.4364	1.2312	1.1519	5.9484
-1.80	-0.1022	1.1340	24.1346	19.7034	1.2249	1.1580	5.8832
-1.60	0.0878	1.1082	20.1512	16.4984	1.2214	1.1657	5.8352
-1.40	0.2794	1.0871	16.8387	13.7919	1.2209	1.1749	5.8022
-1.20	0.4726	1.0700	14.1077	11.5274	1.2238	1.1857	5.7828
-1.00	0.6669	1.0562	11.8897	9.6640	1.2303	1.1998	5.7794
-0.80	0.8623	1.0450	10.0837	8.1279	1.2406	1.2151	5.7853
-0.60	1.0586	1.0361	8.6276	6.8818	1.2537	1.2336	5.8044
-0.40	1.2556	1.0291	7.4540	5.8690	1.2701	1.2540	5.8322
-0.20	1.4533	1.0236	6.5040	5.0519	1.2874	1.2757	5.8667
0.0	1.6515	1.0193	5.7470	4.3905	1.3090	1.2988	5.9073
0.20	1.8502	1.0162	5.1352	3.8545	1.3323	1.3269	5.9617
0.40	2.0493	1.0142	4.6453	3.4271	1.3554	1.3512	6.0101
0.60	2.2490	1.0134	4.2583	3.0885	1.3787	1.3806	6.0728
0.80	2.4492	1.0139	3.9475	2.8125	1.4036	1.4073	6.1328
1.00	2.6502	1.0162	3.6982	2.5933	1.4261	1.4350	6.1998
1.20	2.8522	1.0211	3.4989	2.4203	1.4456	1.4662	6.2819
1.40	3.0559	1.0297	3.3448	2.2901	1.4606	1.4981	6.3767
1.60	3.2620	1.0442	3.2273	2.1855	1.4767	1.5297	6.4887
1.80	3.4716	1.0677	3.1373	2.1198	1.4800	1.5705	6.6483
2.00	3.6867	1.1055	3.0805	2.0792	1.4816	1.6172	6.8645
2.20	3.9097	1.1655	3.0607	2.0837	1.4688	1.6699	7.1625
2.40	4.1437	1.2605	0.0	2.1650	0.0	0.0	0.0

T= 12200

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-5.00	-3.0538	1.9764	0.0	8.9552	0.0	0.0	0.0
-4.80	-2.8565	1.9639	15.0926	11.8526	1.2734	0.0	0.0
-4.60	-2.6606	1.9453	19.8816	15.9338	1.2478	1.2160	7.9619
-4.40	-2.4666	1.9188	26.2808	21.3091	1.2333	1.1888	7.8182
-4.20	-2.2750	1.8820	34.2156	27.7900	1.2312	1.1704	7.6829
-4.00	-2.0863	1.8338	43.0663	34.7981	1.2376	1.1579	7.5434
-3.80	-1.9007	1.7740	51.5818	41.3166	1.2485	1.1498	7.3932
-3.60	-1.7181	1.7044	58.4009	46.2568	1.2625	1.1446	7.2305
-3.40	-1.5379	1.6284	62.2785	48.9079	1.2734	1.1412	7.0568
-3.20	-1.3593	1.5501	62.7569	49.0671	1.2790	1.1393	6.8794
-3.00	-1.1813	1.4734	60.2451	47.0811	1.2796	1.1388	6.7055
-2.80	-1.0031	1.4014	55.5246	43.5388	1.2753	1.1392	6.5409
-2.60	-0.8238	1.3362	49.5434	39.1078	1.2668	1.1406	6.3909
-2.40	-0.6429	1.2788	43.1877	34.3419	1.2576	1.1433	6.2594
-2.20	-0.4600	1.2292	36.9701	29.6480	1.2470	1.1464	6.1451
-2.00	-0.2751	1.1872	31.2832	25.2684	1.2380	1.1508	6.0509
-1.80	-0.0881	1.1521	26.2688	21.3575	1.2300	1.1562	5.9747
-1.60	0.1008	1.1231	21.9790	17.9386	1.2252	1.1628	5.9158
-1.40	0.2915	1.0993	18.3859	15.0205	1.2240	1.1719	5.8755
-1.20	0.4837	1.0799	15.3907	12.5695	1.2244	1.1814	5.8470
-1.00	0.6774	1.0642	12.9422	10.5342	1.2286	1.1932	5.8333
-0.80	0.8722	1.0515	10.9515	8.8576	1.2364	1.2080	5.8342
-0.60	1.0680	1.0414	9.3367	7.4826	1.2478	1.2239	5.8442
-0.40	1.2646	1.0333	8.0327	6.3654	1.2619	1.2434	5.8677
-0.20	1.4619	1.0269	6.9793	5.4564	1.2791	1.2631	5.8956
0.0	1.6598	1.0220	6.1348	4.7302	1.2969	1.2855	5.9335

T= 12200

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
0.20	1.8583	1.0184	5.4556	4.1367	1.3189	1.3098	5.9786
0.40	2.0572	1.0159	4.9162	3.6582	1.3439	1.3372	6.0336
0.60	2.2567	1.0148	4.4822	3.2827	1.3654	1.3626	6.0871
0.80	2.4568	1.0150	4.1311	2.9777	1.3873	1.3913	6.1517
1.00	2.6577	1.0171	3.8535	2.7303	1.4114	1.4199	6.2209
1.20	2.8597	1.0217	3.6331	2.5399	1.4304	1.4505	6.3019
1.40	3.0633	1.0302	3.4583	2.3916	1.4460	1.4805	6.3931
1.60	3.2693	1.0445	3.3210	2.2799	1.4566	1.5117	6.5047
1.80	3.4789	1.0678	3.2236	2.2032	1.4632	1.5534	6.6672
2.00	3.6939	1.1054	3.1597	2.1606	1.4624	1.5983	6.8836
2.20	3.9167	1.1651	3.1435	2.1692	1.4491	1.6495	7.1764
2.40	4.1505	1.2594	0.0	2.2746	0.0	0.0	0.0

T= 12400

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-5.00	-3.0456	1.9816	0.0	7.6033	0.0	0.0	0.0
-4.80	-2.8478	1.9716	12.7851	9.8496	1.2980	0.0	0.0
-4.60	-2.6510	1.9568	16.5695	13.1153	1.2634	1.2338	8.1091
-4.40	-2.4559	1.9351	21.8538	17.5991	1.2418	1.2031	7.9630
-4.20	-2.2628	1.9044	28.7791	23.2955	1.2354	1.1818	7.8294
-4.00	-2.0724	1.8630	36.9658	29.8965	1.2365	1.1661	7.6922
-3.80	-1.8850	1.8098	45.6108	36.6161	1.2456	1.1558	7.5480
-3.60	-1.7006	1.7456	53.3524	42.4084	1.2581	1.1491	7.3916
-3.40	-1.5191	1.6729	58.8256	46.3465	1.2693	1.1444	7.2211
-3.20	-1.3397	1.5954	61.2641	47.8997	1.2790	1.1422	7.0452
-3.00	-1.1615	1.5174	60.4144	47.1269	1.2820	1.1403	6.8650
-2.80	-0.9835	1.4424	56.9990	44.4916	1.2811	1.1407	6.6944
-2.60	-0.8049	1.3732	51.8304	40.6341	1.2755	1.1419	6.5351
-2.40	-0.6249	1.3112	45.7479	36.1512	1.2655	1.1437	6.3910
-2.20	-0.4432	1.2571	39.5765	31.5217	1.2555	1.1462	6.2646
-2.00	-0.2595	1.2108	33.6985	27.0822	1.2443	1.1495	6.1570
-1.80	-0.0737	1.1718	28.4391	23.0016	1.2364	1.1543	6.0696
-1.60	0.1141	1.1394	23.8691	19.4064	1.2300	1.1607	6.0018
-1.40	0.3038	1.1126	19.9541	16.3029	1.2240	1.1677	5.9487
-1.20	0.4952	1.0908	16.7456	13.6619	1.2257	1.1784	5.9168
-1.00	0.6880	1.0730	14.0674	11.4491	1.2287	1.1882	5.8929
-0.80	0.8822	1.0587	11.8738	9.6234	1.2338	1.2011	5.8849
-0.60	1.0774	1.0471	10.0875	8.1238	1.2417	1.2168	5.8910
-0.40	1.2736	1.0379	8.6510	6.8985	1.2540	1.2344	5.9073
-0.20	1.4705	1.0306	7.4962	5.9089	1.2686	1.2552	5.9360
0.0	1.6681	1.0250	6.5593	5.0932	1.2879	1.2765	5.9697
0.20	1.8663	1.0208	5.8098	4.4414	1.3081	1.2997	6.0113
0.40	2.0651	1.0179	5.1976	3.9129	1.3283	1.3253	6.0615
0.60	2.2644	1.0163	4.7146	3.4846	1.3530	1.3531	6.1199
0.80	2.4644	1.0162	4.3269	3.1529	1.3724	1.3808	6.1819
1.00	2.6652	1.0180	4.0253	2.8937	1.3910	1.4074	6.2470
1.20	2.8671	1.0224	3.7791	2.6695	1.4157	1.4345	6.3204
1.40	3.0706	1.0307	3.5864	2.5083	1.4299	1.4658	6.4149
1.60	3.2765	1.0448	3.4380	2.3877	1.4399	1.4961	6.5250
1.80	3.4860	1.0680	3.3228	2.3041	1.4421	1.5344	6.6809
2.00	3.7009	1.1052	3.2600	2.2570	1.4444	1.5769	6.8898
2.20	3.9236	1.1646	3.2379	2.2650	1.4296	1.6318	7.1946
2.40	4.1572	1.2582	0.0	2.3817	0.0	0.0	0.0

T= 12500

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-5.00	-3.0416	1.9837	0.0	7.0846	0.0	0.0	0.0
-4.80	-2.8436	1.9748	11.8705	9.0484	1.3119	0.0	0.0
-4.60	-2.6465	1.9615	15.2244	11.9367	1.2754	1.2525	8.2129
-4.40	-2.4509	1.9419	20.0017	15.9927	1.2507	1.2182	8.0594
-4.20	-2.2571	1.9140	26.3607	21.2931	1.2380	1.1914	7.9128
-4.00	-2.0659	1.8758	34.1208	27.5835	1.2370	1.1726	7.7712
-3.80	-1.8776	1.8259	42.6425	34.2884	1.2436	1.1614	7.6304
-3.60	-1.6924	1.7647	50.6098	40.3439	1.2545	1.1515	7.4695
-3.40	-1.5102	1.6940	56.8410	44.8186	1.2682	1.1472	7.3047
-3.20	-1.3302	1.6175	60.1161	47.0423	1.2779	1.1442	7.1286
-3.00	-1.1518	1.5393	60.2055	46.9044	1.2836	1.1429	6.9502
-2.80	-0.9738	1.4632	57.4528	44.7778	1.2831	1.1422	6.7740
-2.60	-0.7954	1.3921	52.7402	41.2607	1.2782	1.1431	6.6101
-2.40	-0.6159	1.3280	46.8881	36.9681	1.2683	1.1435	6.4571
-2.20	-0.4347	1.2717	40.7894	32.4130	1.2584	1.1461	6.3257
-2.00	-0.2516	1.2232	34.9157	27.9581	1.2489	1.1497	6.2140
-1.80	-0.0664	1.1822	29.5378	23.8252	1.2398	1.1537	6.1195
-1.60	0.1209	1.1480	24.8295	20.1512	1.2322	1.1598	6.0464
-1.40	0.3100	1.1198	20.8121	16.9451	1.2282	1.1672	5.9905
-1.20	0.5010	1.0966	17.4265	14.2232	1.2252	1.1746	5.9470
-1.00	0.6934	1.0777	14.6496	11.9242	1.2286	1.1869	5.9264
-0.80	0.8872	1.0625	12.3574	10.0248	1.2327	1.1973	5.9099
-0.60	1.0822	1.0502	10.4963	8.4601	1.2407	1.2136	5.9156
-0.40	1.2781	1.0404	8.9867	7.1757	1.2524	1.2295	5.9265
-0.20	1.4749	1.0326	7.7669	6.1311	1.2668	1.2484	5.9494
0.0	1.6723	1.0266	6.7820	5.2821	1.2840	1.2705	5.9842
0.20	1.8704	1.0220	5.9896	4.5973	1.3028	1.2928	6.0231
0.40	2.0690	1.0189	5.3554	4.0483	1.3229	1.3177	6.0714
0.60	2.2683	1.0171	4.8411	3.6069	1.3422	1.3423	6.1225
0.80	2.4682	1.0168	4.4380	3.2521	1.3646	1.3669	6.1775
1.00	2.6689	1.0185	4.1155	2.9667	1.3872	1.3947	6.2451
1.20	2.8707	1.0228	3.8490	2.7484	1.4004	1.4183	6.3111
1.40	3.0742	1.0310	3.6527	2.5719	1.4202	1.4529	6.4131
1.60	3.2800	1.0450	3.4935	2.4380	1.4329	1.4851	6.5276
1.80	3.4895	1.0681	3.3810	2.3487	1.4395	1.5198	6.6760
2.00	3.7043	1.1052	3.3047	2.3045	1.4340	1.5649	6.8911
2.20	3.9270	1.1644	3.2879	2.3113	1.4225	1.6156	7.1868
2.40	4.1605	1.2576	0.0	2.4472	0.0	0.0	0.0

T= 12600

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-5.00	-3.0377	1.9856	0.0	6.6554	0.0	0.0	0.0
-4.80	-2.8395	1.9776	11.0807	8.3533	1.3265	0.0	0.0
-4.60	-2.6421	1.9657	14.0672	10.9163	1.2886	1.2704	8.3135
-4.40	-2.4460	1.9480	18.3697	14.5807	1.2599	1.2324	8.1513
-4.20	-2.2517	1.9227	24.1444	19.4398	1.2420	1.2014	7.9954
-4.00	-2.0598	1.8874	31.4353	25.4328	1.2360	1.1803	7.8522
-3.80	-1.8706	1.8409	39.7419	31.9842	1.2425	1.1665	7.7090
-3.60	-1.6846	1.7827	47.8844	38.2475	1.2520	1.1562	7.5529
-3.40	-1.5015	1.7144	54.7201	43.1694	1.2676	1.1509	7.3897
-3.20	-1.3210	1.6392	58.7375	46.0232	1.2763	1.1464	7.2115
-3.00	-1.1422	1.5610	59.7314	46.5220	1.2839	1.1443	7.0311
-2.80	-0.9642	1.4840	57.6950	44.9265	1.2842	1.1435	6.8532
-2.60	-0.7860	1.4113	53.5032	41.7892	1.2803	1.1439	6.6843

T= 12600

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-2.40	-0.6069	1.3451	47.9941	37.7175	1.2725	1.1448	6.5283
-2.20	-0.4262	1.2866	41.9745	33.2620	1.2619	1.1466	6.3898
-2.00	-0.2436	1.2360	36.1046	28.8195	1.2528	1.1497	6.2712
-1.80	-0.0590	1.1930	30.6298	24.6572	1.2422	1.1540	6.1726
-1.60	0.1277	1.1570	25.8006	20.8969	1.2347	1.1587	6.0913
-1.40	0.3164	1.1272	21.6775	17.5999	1.2317	1.1660	6.0312
-1.20	0.5068	1.1027	18.1401	14.7906	1.2265	1.1732	5.9836
-1.00	0.6989	1.0827	15.2414	12.4142	1.2277	1.1833	5.9547
-0.80	0.8923	1.0665	12.8503	10.4353	1.2314	1.1951	5.9394
-0.60	1.0870	1.0535	10.9152	8.8009	1.2402	1.2088	5.9366
-0.40	1.2827	1.0430	9.3282	7.4620	1.2501	1.2238	5.9436
-0.20	1.4792	1.0347	8.0418	6.3624	1.2640	1.2404	5.9601
0.0	1.6765	1.0283	7.0109	5.4807	1.2792	1.2608	5.9900
0.20	1.8744	1.0234	6.1781	4.7618	1.2974	1.2832	6.0287
0.40	2.0730	1.0200	5.5172	4.1894	1.3169	1.3075	6.0753
0.60	2.2721	1.0179	4.9812	3.7321	1.3347	1.3295	6.1201
0.80	2.4719	1.0175	4.5514	3.3525	1.3576	1.3557	6.1788
1.00	2.6726	1.0190	4.2076	3.0480	1.3804	1.3824	6.2440
1.20	2.8743	1.0232	3.9324	2.8219	1.3935	1.4119	6.3233
1.40	3.0778	1.0313	3.7197	2.6344	1.4120	1.4397	6.4103
1.60	3.2836	1.0452	3.5526	2.4953	1.4237	1.4732	6.5280
1.80	3.4930	1.0681	3.4368	2.3968	1.4340	1.5081	6.6771
2.00	3.7078	1.1051	3.3499	2.3556	1.4221	1.5535	6.8931
2.20	3.9304	1.1641	3.3377	2.3671	1.4101	1.5956	7.1700
2.40	4.1637	1.2570	0.0	2.5240	0.0	0.0	0.0

T= 12800

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-5.00	-3.0302	1.9887	0.0	5.9972	0.0	0.0	0.0
-4.80	-2.8316	1.9823	9.8027	7.2434	1.3533	0.0	0.0
-4.60	-2.6338	1.9726	12.1031	9.2334	1.3108	1.2935	8.4700
-4.40	-2.4369	1.9583	15.5340	12.1791	1.2755	1.2503	8.2970
-4.20	-2.2416	1.9374	20.3740	16.2595	1.2530	1.2167	8.1409
-4.00	-2.0483	1.9077	26.7150	21.5009	1.2425	1.1923	7.9968
-3.80	-1.8575	1.8675	34.3303	27.6443	1.2419	1.1747	7.8535
-3.60	-1.6698	1.8155	42.4745	34.0039	1.2491	1.1625	7.7031
-3.40	-1.4851	1.7525	49.9190	39.6150	1.2601	1.1547	7.5427
-3.20	-1.3033	1.6806	55.4494	43.5483	1.2733	1.1497	7.3705
-3.00	-1.1237	1.6036	58.0522	45.2774	1.2821	1.1466	7.1901
-2.80	-0.9454	1.5256	57.6332	44.8039	1.2863	1.1451	7.0084
-2.60	-0.7673	1.4503	54.6473	42.5105	1.2855	1.1449	6.8325
-2.40	-0.5888	1.3804	49.9013	38.9918	1.2798	1.1459	6.6689
-2.20	-0.4090	1.3176	44.2574	34.8210	1.2710	1.1474	6.5197
-2.00	-0.2275	1.2628	38.3748	30.4727	1.2593	1.1495	6.3882
-1.80	-0.0440	1.2157	32.8233	26.2594	1.2500	1.1535	6.2790
-1.60	0.1416	1.1760	27.7803	22.3767	1.2415	1.1581	6.1879
-1.40	0.3292	1.1429	23.3582	18.9392	1.2333	1.1632	6.1137
-1.20	0.5187	1.1156	19.6203	15.9432	1.2306	1.1710	6.0603
-1.00	0.7099	1.0932	16.4825	13.4101	1.2291	1.1800	6.0224
-0.80	0.9026	1.0751	13.8885	11.2782	1.2314	1.1907	5.9993
-0.60	1.0967	1.0604	11.7584	9.5118	1.2362	1.2034	5.9898
-0.40	1.2918	1.0486	10.0292	8.0588	1.2445	1.2175	5.9913
-0.20	1.4879	1.0392	8.6269	6.8740	1.2550	1.2341	6.0050
0.0	1.6848	1.0319	7.4926	5.9015	1.2696	1.2525	6.0280

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
0.20	1.8825	1.0263	6.5867	5.1168	1.2873	1.2745	6.0643
0.40	2.0808	1.0223	5.8495	4.4825	1.3050	1.2951	6.1012
0.60	2.2797	1.0198	5.2580	3.9683	1.3250	1.3190	6.1496
0.80	2.4794	1.0190	4.7857	3.5613	1.3438	1.3446	6.2066
1.00	2.6799	1.0202	4.4073	3.2337	1.3629	1.3701	6.2688
1.20	2.8816	1.0241	4.1096	2.9722	1.3827	1.3982	6.3450
1.40	3.0849	1.0320	3.8701	2.7690	1.3976	1.4244	6.4286
1.60	3.2906	1.0456	3.6903	2.6244	1.4062	1.4558	6.5421
1.80	3.4999	1.0683	3.5548	2.5228	1.4091	1.4922	6.6948
2.00	3.7146	1.1051	3.4766	2.4666	1.4094	1.5345	6.9049
2.20	3.9370	1.1636	3.4547	2.4933	1.3856	1.5773	7.1837
2.40	4.1701	1.2556	0.0	2.6713	0.0	0.0	0.0

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-5.00	-3.0229	1.9913	0.0	5.5905	0.0	0.0	0.0
-4.80	-2.8241	1.9860	8.9236	6.4648	1.3803	0.0	0.0
-4.60	-2.6258	1.9781	10.6534	7.9663	1.3373	1.3238	8.6472
-4.40	-2.4284	1.9664	13.3598	10.2979	1.2973	1.2769	8.4674
-4.20	-2.2322	1.9491	17.2978	13.6491	1.2673	1.2373	8.2985
-4.00	-2.0378	1.9244	22.6662	18.1551	1.2485	1.2079	8.1469
-3.80	-1.8456	1.8899	29.4638	23.7154	1.2424	1.1857	7.9991
-3.60	-1.6563	1.8442	37.2375	29.8839	1.2461	1.1706	7.8512
-3.40	-1.4700	1.7869	45.0256	35.8065	1.2575	1.1606	7.6952
-3.20	-1.2867	1.7193	51.5238	40.6037	1.2689	1.1541	7.5274
-3.00	-1.1060	1.6446	55.6747	43.4674	1.2808	1.1504	7.3501
-2.80	-0.9271	1.5667	56.8073	44.1239	1.2874	1.1481	7.1665
-2.60	-0.7490	1.4896	55.1072	42.7758	1.2883	1.1468	6.9841
-2.40	-0.5708	1.4166	51.3272	39.9323	1.2854	1.1470	6.8116
-2.20	-0.3917	1.3500	46.2048	36.1699	1.2774	1.1481	6.6526
-2.00	-0.2112	1.2909	40.5742	31.9912	1.2683	1.1502	6.5113
-1.80	-0.0287	1.2398	34.9521	27.8033	1.2571	1.1531	6.3891
-1.60	0.1558	1.1963	29.7510	23.8482	1.2475	1.1574	6.2877
-1.40	0.3423	1.1598	25.1371	20.2714	1.2400	1.1625	6.2047
-1.20	0.5308	1.1295	21.1389	17.1331	1.2338	1.1688	6.1397
-1.00	0.7212	1.1046	17.7717	14.4339	1.2312	1.1768	6.0927
-0.80	0.9131	1.0844	14.9805	12.1601	1.2319	1.1870	6.0625
-0.60	1.1065	1.0679	12.6611	10.2579	1.2343	1.1971	6.0419
-0.40	1.3011	1.0547	10.7801	8.6869	1.2410	1.2111	6.0394
-0.20	1.4967	1.0442	9.2562	7.3919	1.2522	1.2273	6.0492
0.0	1.6932	1.0359	8.0152	6.3417	1.2639	1.2446	6.0675
0.20	1.8906	1.0295	7.0122	5.4869	1.2780	1.2621	6.0911
0.40	2.0886	1.0248	6.2063	4.7911	1.2954	1.2835	6.1285
0.60	2.2873	1.0218	5.5597	4.2333	1.3133	1.3068	6.1750
0.80	2.4868	1.0206	5.0413	3.7835	1.3325	1.3299	6.2255
1.00	2.6872	1.0215	4.6265	3.4273	1.3499	1.3550	6.2867
1.20	2.8887	1.0251	4.2924	3.1463	1.3643	1.3802	6.3562
1.40	3.0919	1.0327	4.0341	2.9300	1.3768	1.4088	6.4453
1.60	3.2975	1.0461	3.8325	2.7594	1.3889	1.4394	6.5572
1.80	3.5067	1.0686	3.6877	2.6468	1.3933	1.4746	6.7077
2.00	3.7213	1.1050	3.5988	2.5922	1.3883	1.5129	6.9091
2.20	3.9436	1.1631	3.5838	2.6183	1.3688	1.5527	7.1811
2.40	4.1763	1.2541	0.0	2.8520	0.0	0.0	0.0

T= 13200

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-5.00	-3.0158	1.9935	0.0	5.4162	0.0	0.0	0.0
-4.80	-2.8168	1.9889	8.3345	5.9457	1.4018	0.0	0.0
-4.60	-2.6182	1.9824	9.5962	7.0455	1.3620	1.3496	8.8076
-4.40	-2.4203	1.9728	11.6904	8.8549	1.3292	1.3026	8.6320
-4.20	-2.2235	1.9586	14.8556	11.5656	1.2845	1.2597	8.4578
-4.00	-2.0281	1.9379	19.3509	15.3528	1.2604	1.2254	8.2977
-3.80	-1.8347	1.9086	25.2409	20.2553	1.2461	1.1987	8.1446
-3.60	-1.6439	1.8688	32.4319	25.9992	1.2474	1.1809	7.9991
-3.40	-1.4560	1.8174	40.1160	31.9998	1.2536	1.1682	7.8460
-3.20	-1.2712	1.7549	47.2111	37.3453	1.2642	1.1595	7.6811
-3.00	-1.0892	1.6834	52.5730	41.1562	1.2774	1.1543	7.5062
-2.80	-0.9095	1.6067	55.2006	42.9084	1.2865	1.1509	7.3221
-2.60	-0.7311	1.5288	54.9293	42.5726	1.2903	1.1492	7.1371
-2.40	-0.5530	1.4534	52.2025	40.5060	1.2888	1.1483	6.9563
-2.20	-0.3745	1.3834	47.7913	37.2479	1.2831	1.1485	6.7872
-2.00	-0.1947	1.3204	42.5001	33.3573	1.2741	1.1504	6.6364
-1.80	-0.0133	1.2652	36.9590	29.2536	1.2634	1.1530	6.5036
-1.60	0.1702	1.2179	31.7009	25.2781	1.2541	1.1562	6.3896
-1.40	0.3557	1.1779	26.8903	21.6021	1.2448	1.1608	6.2962
-1.20	0.5432	1.1445	22.7086	18.3324	1.2387	1.1674	6.2241
-1.00	0.7326	1.1170	19.1108	15.4909	1.2337	1.1740	6.1661
-0.80	0.9238	1.0944	16.1009	13.0647	1.2324	1.1827	6.1262
-0.60	1.1164	1.0761	13.6162	11.0376	1.2336	1.1927	6.1002
-0.40	1.3104	1.0613	11.5755	9.3482	1.2383	1.2050	6.0894
-0.20	1.5056	1.0495	9.9149	7.9520	1.2469	1.2195	6.0918
0.0	1.7017	1.0402	8.5675	6.8114	1.2578	1.2364	6.1065
0.20	1.8986	1.0329	7.4685	5.8840	1.2693	1.2531	6.1261
0.40	2.0964	1.0276	6.5878	5.1347	1.2830	1.2724	6.1572
0.60	2.2949	1.0240	5.8831	4.5248	1.3002	1.2949	6.2007
0.80	2.4942	1.0224	5.3101	4.0286	1.3181	1.3160	6.2458
1.00	2.6944	1.0229	4.8561	3.6392	1.3344	1.3401	6.3043
1.20	2.8958	1.0262	4.4971	3.3310	1.3500	1.3647	6.3720
1.40	3.0989	1.0335	4.2162	3.0890	1.3649	1.3932	6.4612
1.60	3.3044	1.0467	3.9919	2.9058	1.3738	1.4228	6.5708
1.80	3.5135	1.0688	3.8308	2.7842	1.3759	1.4545	6.7138
2.00	3.7279	1.1049	3.7329	2.7275	1.3686	1.4917	6.9129
2.20	3.9500	1.1626	3.7253	2.7637	1.3479	1.5247	7.1689
2.40	4.1823	1.2524	0.0	3.0551	0.0	0.0	0.0

T= 13400

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-5.00	-3.0089	1.9955	0.0	5.4540	0.0	0.0	0.0
-4.80	-2.8097	1.9914	7.9728	5.6692	1.4063	0.0	0.0
-4.60	-2.6109	1.9859	8.8493	6.3977	1.3832	1.3662	8.9362
-4.40	-2.4127	1.9780	10.4288	7.7629	1.3434	1.3226	8.7750
-4.20	-2.2153	1.9662	12.9567	9.9110	1.3073	1.2810	8.6102
-4.00	-2.0191	1.9489	16.6427	13.0387	1.2764	1.2422	8.4414
-3.80	-1.8247	1.9242	21.7236	17.2645	1.2583	1.2120	8.2849
-3.60	-1.6325	1.8898	28.1080	22.4927	1.2497	1.1912	8.1398
-3.40	-1.4431	1.8442	35.4438	28.3000	1.2524	1.1759	7.9892
-3.20	-1.2568	1.7871	42.8582	33.9241	1.2634	1.1655	7.8297
-3.00	-1.0734	1.7197	48.9666	38.4693	1.2729	1.1578	7.6555
-2.80	-0.8927	1.6452	52.9245	41.2135	1.2842	1.1535	7.4738
-2.60	-0.7137	1.5675	54.1292	41.8923	1.2921	1.1518	7.2897

T= 13400

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-2.40	-0.5356	1.4905	52.5748	40.6758	1.2925	1.1496	7.1016
-2.20	-0.3574	1.4176	49.0062	38.0362	1.2884	1.1497	6.9261
-2.00	-0.1783	1.3510	44.2511	34.5022	1.2826	1.1512	6.7658
-1.80	0.0023	1.2919	38.9548	30.5991	1.2731	1.1535	6.6228
-1.60	0.1848	1.2407	33.5590	26.6558	1.2590	1.1555	6.4960
-1.40	0.3692	1.1971	28.6618	22.9194	1.2505	1.1594	6.3916
-1.20	0.5558	1.1606	24.2458	19.5307	1.2414	1.1646	6.3073
-1.00	0.7443	1.1302	20.4872	16.5612	1.2371	1.1723	6.2448
-0.80	0.9346	1.1053	17.2806	14.0071	1.2337	1.1796	6.1949
-0.60	1.1265	1.0850	14.6078	11.8341	1.2344	1.1891	6.1624
-0.40	1.3199	1.0685	12.4084	10.0283	1.2373	1.2015	6.1472
-0.20	1.5145	1.0553	10.5959	8.5379	1.2410	1.2132	6.1388
0.0	1.7102	1.0449	9.1291	7.3105	1.2488	1.2275	6.1442
0.20	1.9068	1.0367	7.9549	6.3042	1.2618	1.2458	6.1655
0.40	2.1042	1.0306	6.9962	5.4837	1.2758	1.2636	6.1913
0.60	2.3025	1.0265	6.2212	4.8139	1.2923	1.2834	6.2270
0.80	2.5015	1.0243	5.6101	4.2964	1.3058	1.3053	6.2732
1.00	2.7016	1.0244	5.1139	3.8697	1.3215	1.3270	6.3255
1.20	2.9028	1.0273	4.7150	3.5261	1.3371	1.3525	6.3950
1.40	3.1058	1.0343	4.3983	3.2653	1.3470	1.3780	6.4770
1.60	3.3112	1.0473	4.1687	3.0687	1.3585	1.4060	6.5833
1.80	3.5201	1.0692	3.9979	2.9351	1.3621	1.4373	6.7252
2.00	3.7344	1.1049	3.8875	2.8766	1.3514	1.4741	6.9238
2.20	3.9563	1.1620	3.8803	2.9371	1.3211	1.5053	7.1750
2.40	4.1882	1.2505	0.0	3.3002	0.0	0.0	0.0

T= 13500

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-5.00	-3.0054	1.9964	0.0	5.5557	0.0	0.0	0.0
-4.80	-2.8063	1.9926	7.9034	5.6084	1.4092	0.0	0.0
-4.60	-2.6074	1.9875	8.5951	6.1814	1.3905	1.3792	9.0158
-4.40	-2.4090	1.9801	9.9412	7.3348	1.3553	1.3439	8.8832
-4.20	-2.2113	1.9694	12.1594	9.2377	1.3163	1.2981	8.7066
-4.00	-2.0148	1.9536	15.4741	12.0644	1.2826	1.2556	8.5287
-3.80	-1.8199	1.9309	20.1315	15.9502	1.2621	1.2249	8.3744
-3.60	-1.6271	1.8990	26.1470	20.8933	1.2515	1.1991	8.2171
-3.40	-1.4370	1.8562	33.2450	26.5278	1.2532	1.1815	8.0647
-3.20	-1.2499	1.8019	40.6104	32.1957	1.2614	1.1698	7.9058
-3.00	-1.0659	1.7369	47.0952	37.0120	1.2724	1.1614	7.7340
-2.80	-0.8846	1.6638	51.5954	40.2101	1.2831	1.1565	7.5536
-2.60	-0.7052	1.5865	53.4548	41.3954	1.2913	1.1540	7.3679
-2.40	-0.5270	1.5090	52.5589	40.6204	1.2939	1.1521	7.1800
-2.20	-0.3489	1.4349	49.4990	38.3210	1.2917	1.1522	7.0019
-2.00	-0.1700	1.3666	44.9914	35.0119	1.2850	1.1529	6.8351
-1.80	0.0102	1.3057	39.7923	31.2154	1.2748	1.1539	6.6841
-1.60	0.1921	1.2526	34.4890	27.3094	1.2629	1.1553	6.5505
-1.40	0.3761	1.2072	29.5412	23.5606	1.2538	1.1604	6.4450
-1.20	0.5621	1.1690	25.0770	20.1348	1.2455	1.1648	6.3543
-1.00	0.7502	1.1372	21.1711	17.0992	1.2381	1.1696	6.2802
-0.80	0.9401	1.1110	17.8791	14.4763	1.2351	1.1780	6.2297
-0.60	1.1316	1.0897	15.1257	12.2490	1.2348	1.1882	6.1963
-0.40	1.3247	1.0723	12.8421	10.3818	1.2370	1.1980	6.1720
-0.20	1.5190	1.0584	10.9660	8.8334	1.2414	1.2093	6.1608
0.0	1.7144	1.0474	9.4407	7.5639	1.2481	1.2227	6.1624

T= 13500

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
0.20	1.9108	1.0387	8.2082	6.5170	1.2595	1.2382	6.1757
0.40	2.1081	1.0322	7.2081	5.6663	1.2721	1.2567	6.2022
0.60	2.3062	1.0278	6.4094	4.9806	1.2869	1.2749	6.2332
0.80	2.5052	1.0253	5.7622	4.4288	1.3011	1.2957	6.2764
1.00	2.7051	1.0252	5.2401	3.9866	1.3144	1.3171	6.3276
1.20	2.9063	1.0280	4.8348	3.6284	1.3325	1.3436	6.3996
1.40	3.1092	1.0348	4.4974	3.3599	1.3386	1.3654	6.4729
1.60	3.3145	1.0476	4.2547	3.1591	1.3468	1.3944	6.5814
1.80	3.5234	1.0693	4.0741	3.0218	1.3482	1.4271	6.7268
2.00	3.7376	1.1049	3.9774	2.9625	1.3426	1.4589	6.9135
2.20	3.9594	1.1616	3.9713	3.0264	1.3122	1.4869	7.1567
2.40	' 4.1910	1.2494	0.0	3.4371	0.0	0.0	0.0

T= 13600

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-5.00	-3.0020	1.9974	0.0	5.7157	0.0	0.0	0.0
-4.80	-2.8028	1.9937	7.9018	5.5921	1.4130	0.0	0.0
-4.60	-2.6039	1.9889	8.3905	6.0045	1.3974	1.3921	9.0943
-4.40	-2.4053	1.9821	9.5281	6.9740	1.3662	1.3589	8.9702
-4.20	-2.2075	1.9723	11.4689	8.6507	1.3258	1.3128	8.7946
-4.00	-2.0107	1.9579	14.4270	11.1933	1.2889	1.2715	8.6235
-3.80	-1.8153	1.9370	18.6971	14.7601	1.2667	1.2356	8.4555
-3.60	-1.6220	1.9074	24.3159	19.3862	1.2543	1.2069	8.2928
-3.40	-1.4312	1.8674	31.1100	24.8070	1.2541	1.1869	8.1370
-3.20	-1.2434	1.8158	38.3741	30.4805	1.2590	1.1737	7.9791
-3.00	-1.0586	1.7532	45.1300	35.5192	1.2706	1.1648	7.8106
-2.80	-0.8767	1.6818	50.1463	39.0950	1.2827	1.1592	7.6313
-2.60	-0.6969	1.6052	52.5889	40.7858	1.2894	1.1551	7.4422
-2.40	-0.5185	1.5274	52.3827	40.4570	1.2948	1.1536	7.2550
-2.20	-0.3404	1.4523	49.8195	38.5187	1.2934	1.1528	7.0719
-2.00	-0.1618	1.3824	45.5881	35.4651	1.2854	1.1527	6.8994
-1.80	0.0180	1.3197	40.5735	31.7857	1.2765	1.1538	6.7442
-1.60	0.1995	1.2647	35.4273	27.9349	1.2682	1.1566	6.6103
-1.40	0.3830	1.2175	30.3934	24.1867	1.2566	1.1592	6.4932
-1.20	0.5686	1.1776	25.8853	20.7298	1.2487	1.1645	6.4005
-1.00	0.7561	1.1444	21.8765	17.6377	1.2403	1.1697	6.3235
-0.80	0.9456	1.1170	18.4820	14.9465	1.2365	1.1752	6.2620
-0.60	1.1368	1.0945	15.6417	12.6690	1.2346	1.1848	6.2240
-0.40	1.3295	1.0763	13.2824	10.7426	1.2364	1.1947	6.1977
-0.20	1.5235	1.0616	11.3471	9.1377	1.2418	1.2057	6.1837
0.0	1.7187	1.0500	9.7618	7.8213	1.2481	1.2198	6.1854
0.20	1.9149	1.0408	8.4579	6.7385	1.2566	1.2352	6.1973
0.40	2.1120	1.0339	7.4309	5.8609	1.2679	1.2521	6.2188
0.60	2.3100	1.0291	6.5950	5.1548	1.2794	1.2687	6.2452
0.80	2.5088	1.0264	5.9153	4.5645	1.2959	1.2873	6.2824
1.00	2.7087	1.0260	5.3724	4.1053	1.3087	1.3103	6.3373
1.20	2.9098	1.0286	4.9521	3.7428	1.3231	1.3317	6.3969
1.40	3.1126	1.0353	4.6140	3.4537	1.3359	1.3565	6.4771
1.60	3.3179	1.0479	4.3473	3.2485	1.3383	1.3833	6.5805
1.80	3.5267	1.0695	4.1586	3.1071	1.3384	1.4140	6.7212
2.00	3.7408	1.1049	4.0582	3.0479	1.3315	1.4474	6.9116
2.20	3.9625	1.1613	4.0626	3.1140	1.3046	1.4676	7.1354
2.40	4.1938	1.2482	0.0	3.5776	0.0	0.0	0.0

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-5.00	-2.9952	1.9995	0.0	6.2205	0.0	0.0	0.0
-4.80	-2.7960	1.9957	8.0372	5.7317	1.4022	0.0	0.0
-4.60	-2.5970	1.9914	8.1366	5.7987	1.4032	1.3958	9.1790
-4.40	-2.3982	1.9856	8.8878	6.4293	1.3824	1.3707	9.0829
-4.20	-2.2001	1.9773	10.3539	7.6859	1.3471	1.3324	8.9362
-4.00	-2.0027	1.9652	12.7492	9.7186	1.3118	1.2895	8.7642
-3.80	-1.8066	1.9475	16.2621	12.6957	1.2809	1.2499	8.5897
-3.60	-1.6123	1.9222	21.1017	16.7092	1.2629	1.2196	8.4297
-3.40	-1.4203	1.8873	27.2051	21.6796	1.2549	1.1971	8.2756
-3.20	-1.2310	1.8412	34.1801	27.1640	1.2583	1.1808	8.1181
-3.00	-1.0448	1.7837	41.1345	32.4552	1.2674	1.1702	7.9543
-2.80	-0.8616	1.7161	46.9155	36.6960	1.2785	1.1627	7.7768
-2.60	-0.6809	1.6415	50.5606	39.2301	1.2888	1.1580	7.5906
-2.40	-0.5019	1.5638	51.5870	39.8209	1.2955	1.1554	7.4007
-2.20	-0.3238	1.4871	50.0716	38.6396	1.2959	1.1540	7.2126
-2.00	-0.1455	1.4146	46.7064	36.1324	1.2926	1.1541	7.0348
-1.80	0.0337	1.3484	42.1531	32.8126	1.2847	1.1548	6.8702
-1.60	0.2144	1.2898	37.0907	29.1209	1.2737	1.1564	6.7239
-1.40	0.3969	1.2390	32.0904	25.4069	1.2631	1.1595	6.5989
-1.20	0.5815	1.1958	27.4327	21.8954	1.2529	1.1631	6.4930
-1.00	0.7682	1.1595	23.3102	18.7148	1.2455	1.1684	6.4083
-0.80	0.9567	1.1295	19.7270	15.9255	1.2387	1.1744	6.3410
-0.60	1.1471	1.1048	16.6999	13.5104	1.2361	1.1818	6.2909
-0.40	1.3392	1.0847	14.1757	11.4750	1.2354	1.1907	6.2568
-0.20	1.5326	1.0684	12.0944	9.7745	1.2373	1.2017	6.2383
0.0	1.7273	1.0554	10.4011	8.3576	1.2445	1.2143	6.2330
0.20	1.9231	1.0452	9.0139	7.2035	1.2513	1.2279	6.2372
0.40	2.1199	1.0375	7.8916	6.2524	1.2622	1.2439	6.2545
0.60	2.3175	1.0320	6.9778	5.4835	1.2725	1.2608	6.2801
0.80	2.5161	1.0287	6.2504	4.8630	1.2853	1.2797	6.3169
1.00	2.7158	1.0278	5.6697	4.3650	1.2989	1.3003	6.3647
1.20	2.9167	1.0300	5.1984	3.9708	1.3091	1.3204	6.4207
1.40	3.1194	1.0363	4.8361	3.6663	1.3191	1.3442	6.4980
1.60	3.3245	1.0486	4.5532	3.4355	1.3253	1.3693	6.5974
1.80	3.5332	1.0699	4.3533	3.2853	1.3251	1.3973	6.7317
2.00	3.7472	1.1048	4.2294	3.2219	1.3127	1.4294	6.9189
2.20	3.9686	1.1606	4.2512	3.3163	1.2819	1.4450	7.1299
2.40	4.1992	1.2455	0.0	3.9155	0.0	0.0	0.0

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-5.00	-2.9884	2.0018	0.0	7.0128	0.0	0.0	0.0
-4.80	-2.7893	1.9979	8.4299	6.1016	1.3816	0.0	0.0
-4.60	-2.5902	1.9937	8.1546	5.8231	1.4004	1.3921	9.2384
-4.40	-2.3914	1.9885	8.5029	6.1047	1.3928	1.3833	9.1970
-4.20	-2.1929	1.9814	9.5594	6.9893	1.3677	1.3535	9.0813
-4.00	-1.9952	1.9711	11.4130	8.5712	1.3315	1.3123	8.9187
-3.80	-1.7985	1.9561	14.2810	11.0124	1.2968	1.2709	8.7436
-3.60	-1.6033	1.9346	18.3720	14.4349	1.2727	1.2363	8.5761
-3.40	-1.4101	1.9043	23.7790	18.8621	1.2607	1.2102	8.4182
-3.20	-1.2196	1.8634	30.2540	24.0452	1.2582	1.1907	8.2601
-3.00	-1.0319	1.8111	37.1631	29.3689	1.2654	1.1765	8.0948
-2.80	-0.8474	1.7478	43.4559	34.0559	1.2760	1.1677	7.9222
-2.60	-0.6656	1.6761	48.0656	37.3595	1.2866	1.1622	7.7396

T= 14000

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-2.40	-0.4859	1.5994	50.2648	38.8167	1.2949	1.1584	7.5481
-2.20	-0.3075	1.5219	49.9035	38.4396	1.2982	1.1560	7.3553
-2.00	-0.1293	1.4472	47.3613	36.5541	1.2956	1.1554	7.1707
-1.80	0.0494	1.3780	43.3696	33.6371	1.2893	1.1557	6.9981
-1.60	0.2293	1.3158	38.6295	30.1742	1.2802	1.1572	6.8429
-1.40	0.4110	1.2615	33.7240	26.5487	1.2703	1.1596	6.7071
-1.20	0.5947	1.2149	28.9980	23.0337	1.2589	1.1624	6.5899
-1.00	0.7804	1.1755	24.7098	19.7790	1.2493	1.1664	6.4933
-0.80	0.9681	1.1427	20.9953	16.8865	1.2433	1.1727	6.4195
-0.60	1.1577	1.1157	17.7945	14.3730	1.2381	1.1792	6.3605
-0.40	1.3490	1.0936	15.1112	12.2231	1.2363	1.1868	6.3177
-0.20	1.5418	1.0757	12.8971	10.4176	1.2380	1.1968	6.2921
0.0	1.7360	1.0613	11.0711	8.9244	1.2405	1.2081	6.2793
0.20	1.9313	1.0500	9.5834	7.6861	1.2469	1.2212	6.2795
0.40	2.1277	1.0413	8.3729	6.6691	1.2555	1.2348	6.2883
0.60	2.3251	1.0350	7.3959	5.8447	1.2654	1.2513	6.3109
0.80	2.5234	1.0311	6.6083	5.1770	1.2765	1.2694	6.3443
1.00	2.7229	1.0298	5.9730	4.6376	1.2880	1.2872	6.3845
1.20	2.9236	1.0315	5.4707	4.2120	1.2988	1.3088	6.4434
1.40	3.1261	1.0375	5.0707	3.8814	1.3064	1.3294	6.5126
1.60	3.3311	1.0494	4.7670	3.6344	1.3116	1.3536	6.6091
1.80	3.5396	1.0703	4.5538	3.4783	1.3092	1.3808	6.7414
2.00	3.7534	1.1048	4.4355	3.4240	1.2954	1.4090	6.9188
2.20	3.9745	1.1598	4.4664	3.5440	1.2603	1.4157	7.1059
2.40	4.2044	1.2423	0.0	4.3208	0.0	0.0	0.0

T= 14200

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-5.00	-2.9817	2.0047	0.0	9.1455	0.0	0.0	0.0
-4.80	-2.7826	2.0002	9.1048	6.7262	1.3536	0.0	0.0
-4.60	-2.5836	1.9959	8.3875	6.0530	1.3857	1.3786	9.2641
-4.40	-2.3846	1.9911	8.3826	5.9965	1.3979	1.3870	9.2810
-4.20	-2.1860	1.9848	9.0208	6.5348	1.3804	1.3686	9.2048
-4.00	-1.9879	1.9760	10.4110	7.7151	1.3494	1.3344	9.0687
-3.80	-1.7907	1.9633	12.7512	9.6693	1.3187	1.2939	8.9012
-3.60	-1.5948	1.9448	16.1586	12.5514	1.2874	1.2554	8.7266
-3.40	-1.4007	1.9186	20.8416	16.4167	1.2695	1.2231	8.5555
-3.20	-1.2089	1.8827	26.6860	21.1695	1.2606	1.2010	8.3977
-3.00	-1.0200	1.8355	33.3548	26.3709	1.2648	1.1850	8.2367
-2.80	-0.8341	1.7769	39.8851	31.3213	1.2734	1.1737	8.0653
-2.60	-0.6511	1.7086	45.2095	35.2110	1.2840	1.1665	7.8845
-2.40	-0.4705	1.6337	48.4703	37.4692	1.2936	1.1619	7.6946
-2.20	-0.2917	1.5562	49.2559	37.8996	1.2996	1.1590	7.5004
-2.00	-0.1135	1.4799	47.6607	36.6881	1.2991	1.1572	7.3086
-1.80	0.0649	1.4081	44.3284	34.2542	1.2941	1.1566	7.1273
-1.60	0.2443	1.3427	39.9975	31.0888	1.2866	1.1580	6.9642
-1.40	0.4252	1.2849	35.2185	27.6036	1.2759	1.1597	6.8175
-1.20	0.6079	1.2349	30.4920	24.1166	1.2644	1.1616	6.6890
-1.00	0.7927	1.1924	26.1281	20.8343	1.2541	1.1652	6.5830
-0.80	0.9796	1.1568	22.2474	17.8561	1.2459	1.1705	6.4989
-0.60	1.1683	1.1274	18.9139	15.2449	1.2407	1.1768	6.4326
-0.40	1.3589	1.1032	16.0797	12.9996	1.2369	1.1838	6.3822
-0.20	1.5511	1.0835	13.7157	11.0991	1.2357	1.1929	6.3494
0.0	1.7447	1.0677	11.7768	9.5050	1.2390	1.2032	6.3301

T= 14200

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
0.20	1.9396	1.0552	10.1773	8.1830	1.2437	1.2146	6.3224
0.40	2.1356	1.0455	8.8741	7.1081	1.2484	1.2280	6.3280
0.60	2.3326	1.0384	7.8298	6.2186	1.2591	1.2423	5.3432
0.80	2.5307	1.0338	6.9780	5.5128	1.2658	1.2593	6.3721
1.00	2.7299	1.0319	6.2928	4.9312	1.2761	1.2748	6.4053
1.20	2.9305	1.0332	5.7472	4.4758	1.2841	1.2952	6.4636
1.40	3.1328	1.0387	5.3264	4.1139	1.2947	1.3149	6.5267
1.60	3.3376	1.0503	5.0039	3.8597	1.2964	1.3364	6.6165
1.80	3.5460	1.0708	4.7675	3.6925	1.2911	1.3640	6.7495
2.00	3.7596	1.1048	4.6454	3.6361	1.2776	1.3888	6.9177
2.20	3.9803	1.1589	4.6960	3.7884	1.2395	1.3892	7.0864
2.40	4.2091	1.2383	0.0	4.8301	0.0	0.0	0.0

T= 14400

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-5.00	-2.9748	2.0082	0.0	9.6908	0.0	0.0	0.0
-4.80	-2.7760	2.0028	10.0916	7.6420	1.3205	0.0	0.0
-4.60	-2.5770	1.9982	8.9013	6.5075	1.3679	1.3627	9.2804
-4.40	-2.3780	1.9935	8.4352	6.0840	1.3864	1.3812	9.3325
-4.20	-2.1793	1.9878	8.6868	6.2733	1.3847	1.3749	9.2975
-4.00	-1.9809	1.9801	9.6870	7.0880	1.3667	1.3479	9.1882
-3.80	-1.7833	1.9692	11.4297	8.6201	1.3259	1.3078	9.0252
-3.60	-1.5868	1.9534	14.2950	11.0020	1.2993	1.2693	8.8558
-3.40	-1.3919	1.9308	18.2947	14.3271	1.2769	1.2361	8.6885
-3.20	-1.1991	1.8992	23.5752	18.6023	1.2673	1.2097	8.5247
-3.00	-1.0088	1.8569	29.7671	23.5396	1.2646	1.1920	8.3672
-2.80	-0.8216	1.8032	36.2945	28.5575	1.2709	1.1796	8.2024
-2.60	-0.6374	1.7389	42.1883	32.8929	1.2826	1.1713	8.0264
-2.40	-0.4558	1.6665	46.3097	35.8453	1.2919	1.1649	7.8360
-2.20	-0.2763	1.5897	48.0715	37.0356	1.2980	1.1609	7.6402
-2.00	-0.0979	1.5126	47.5415	36.5227	1.3017	1.1593	7.4474
-1.80	0.0803	1.4386	44.9826	34.6454	1.2984	1.1583	7.2598
-1.60	0.2592	1.3703	41.0929	31.8380	1.2907	1.1582	7.0853
-1.40	0.4394	1.3092	36.5854	28.5525	1.2813	1.1592	6.9286
-1.20	0.6213	1.2559	31.9418	25.1404	1.2705	1.1615	6.7925
-1.00	0.8052	1.2102	27.5296	21.8427	1.2604	1.1652	6.6786
-0.80	0.9912	1.1717	23.5328	19.8074	1.2513	1.1693	6.5831
-0.60	1.1792	1.1397	20.0291	16.1143	1.2429	1.1749	6.5080
-0.40	1.3690	1.1133	17.0701	13.7812	1.2386	1.1824	6.4528
-0.20	1.5605	1.0918	14.5797	11.7781	1.2379	1.1903	6.4115
0.0	1.7536	1.0745	12.4848	10.1013	1.2360	1.1994	6.3844
0.20	1.9479	1.0606	10.8003	8.7190	1.2387	1.2096	6.3702
0.40	2.1435	1.0499	9.4165	7.5520	1.2469	1.2222	6.3709
0.60	2.3402	1.0419	8.2790	6.6179	1.2510	1.2365	6.3835
0.80	2.5380	1.0366	7.3707	5.8434	1.2614	1.2505	6.4031
1.00	2.7369	1.0341	6.6421	5.2448	1.2664	1.2665	6.4362
1.20	2.9373	1.0349	6.0607	4.7453	1.2772	1.2845	6.4844
1.40	3.1394	1.0400	5.5938	4.3803	1.2770	1.3032	6.5475
1.60	3.3440	1.0512	5.2445	4.0890	1.2826	1.3240	6.6350
1.80	3.5523	1.0713	5.0122	3.9081	1.2825	1.3491	6.7612
2.00	3.7656	1.1047	4.8764	3.8631	1.2623	1.3711	6.9217
2.20	3.9860	1.1579	4.9568	4.0739	1.2167	1.3709	7.0858
2.40	4.2134	1.2332	0.0	5.4848	0.0	0.0	0.0

T= 14500

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-5.00	-2.9714	2.0104	0.0	10.6353	0.0	0.0	0.0
-4.80	-2.7727	2.0044	10.7269	8.2205	1.3049	0.0	0.0
-4.60	-2.5737	1.9995	9.2348	6.8294	1.3522	1.3461	9.2587
-4.40	-2.3748	1.9947	8.5667	6.1989	1.3820	1.3744	9.3442
-4.20	-2.1760	1.9892	8.6372	6.2157	1.3896	1.3783	9.3448
-4.00	-1.9775	1.9820	9.4096	6.8694	1.3698	1.3557	9.2507
-3.80	-1.7798	1.9718	10.9670	8.1980	1.3378	1.3183	9.0990
-3.60	-1.5830	1.9571	13.5156	10.3364	1.3076	1.2802	8.9330
-3.40	-1.3877	1.9361	17.2130	13.4215	1.2825	1.2481	8.7727
-3.20	-1.1944	1.9065	22.1259	17.4274	1.2696	1.2188	8.6028
-3.00	-1.0036	1.8667	28.0806	22.2210	1.2637	1.1973	8.4371
-2.80	-0.8157	1.8154	34.5717	27.1709	1.2724	1.1852	8.2781
-2.60	-0.6308	1.7532	40.6042	31.6712	1.2821	1.1759	8.1031
-2.40	-0.4487	1.6823	45.0910	34.9299	1.2909	1.1677	7.9098
-2.20	-0.2689	1.6061	47.4124	36.4743	1.2999	1.1634	7.7144
-2.00	-0.0903	1.5288	47.2925	36.3331	1.3016	1.1597	7.5145
-1.80	0.0879	1.4539	45.2013	34.7436	1.3010	1.1602	7.3296
-1.60	0.2666	1.3843	41.5820	32.1318	1.2941	1.1591	7.1489
-1.40	0.4465	1.3217	37.2075	28.9859	1.2836	1.1600	6.9877
-1.20	0.6280	1.2667	32.6429	25.6193	1.2741	1.1625	6.8482
-1.00	0.8115	1.2194	28.1966	22.3345	1.2625	1.1647	6.7256
-0.80	0.9971	1.1795	24.1744	19.2814	1.2538	1.1694	6.6279
-0.60	1.1846	1.1462	20.5977	16.5489	1.2447	1.1728	6.5432
-0.40	1.3741	1.1187	17.5624	14.1655	1.2398	1.1801	6.4843
-0.20	1.5653	1.0962	15.0015	12.1263	1.2371	1.1874	6.4387
0.0	1.7580	1.0780	12.8646	10.4100	1.2358	1.1960	6.4081
0.20	1.9521	1.0635	11.1179	8.9825	1.2377	1.2064	6.3924
0.40	2.1475	1.0522	9.6855	7.7976	1.2421	1.2193	6.3924
0.60	2.3440	1.0438	8.5151	6.8295	1.2468	1.2310	6.3973
0.80	2.5416	1.0381	7.5801	6.0314	1.2568	1.2455	6.4172
1.00	2.7404	1.0353	6.8243	5.3956	1.2648	1.2598	6.4452
1.20	2.9407	1.0359	6.2196	4.8989	1.2696	1.2772	6.4914
1.40	3.1427	1.0407	5.7369	4.5100	1.2721	1.2954	6.5526
1.60	3.3472	1.0517	5.3778	4.2135	1.2764	1.3156	6.6384
1.80	3.5554	1.0715	5.1274	4.0263	1.2735	1.3374	6.7559
2.00	3.7686	1.1047	5.0036	3.9917	1.2535	1.3597	6.9166
2.20	3.9888	1.1574	5.0920	4.2117	1.2090	1.3494	7.0528
2.40	4.2153	1.2301	0.0	5.8993	0.0	0.0	0.0

T= 14600

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-5.00	-2.9678	2.0128	0.0	11.6964	0.0	0.0	0.0
-4.80	-2.7693	2.0061	11.4794	8.8947	1.2906	0.0	0.0
-4.60	-2.5704	2.0008	9.6377	7.2201	1.3348	1.3235	9.2152
-4.40	-2.3715	1.9959	8.7710	6.3730	1.3763	1.3635	9.3421
-4.20	-2.1727	1.9905	8.6356	6.2153	1.3894	1.3780	9.3790
-4.00	-1.9742	1.9837	9.1941	6.6954	1.3732	1.3649	9.3181
-3.80	-1.7763	1.9742	10.5948	7.8343	1.3523	1.3362	9.1974
-3.60	-1.5793	1.9605	12.8380	9.7457	1.3173	1.2970	9.0303
-3.40	-1.3836	1.9410	16.2428	12.5745	1.2917	1.2589	8.8523
-3.20	-1.1899	1.9133	20.8036	16.3301	1.2739	1.2291	8.6842
-3.00	-0.9985	1.8757	26.4935	20.9084	1.2671	1.2058	8.5168
-2.80	-0.8099	1.8269	32.8611	25.8289	1.2723	1.1893	8.3472
-2.60	-0.6244	1.7669	38.9720	30.4307	1.2807	1.1783	8.1710

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-2.40	-0.4418	1.6976	43.8010	33.9359	1.2907	1.1702	7.9816
-2.20	-0.2615	1.6222	46.6593	35.8914	1.3000	1.1657	7.7873
-2.00	-0.0828	1.5449	47.0167	36.0841	1.3030	1.1630	7.5905
-1.80	0.0955	1.4693	45.3196	34.7816	1.3030	1.1608	7.3957
-1.60	0.2740	1.3984	42.0139	32.3946	1.2969	1.1608	7.2153
-1.40	0.4536	1.3342	37.8039	29.3754	1.2869	1.1610	7.0481
-1.20	0.6348	1.2777	33.3166	26.0791	1.2775	1.1627	6.9021
-1.00	0.8178	1.2288	28.8558	22.8152	1.2648	1.1643	6.7735
-0.80	1.0030	1.1874	24.7825	19.7575	1.2543	1.1674	6.6674
-0.60	1.1901	1.1528	21.1835	16.9866	1.2471	1.1734	6.5864
-0.40	1.3792	1.1241	18.0653	14.5529	1.2414	1.1782	6.5172
-0.20	1.5700	1.1007	15.4228	12.4817	1.2356	1.1840	6.4648
0.0	1.7625	1.0817	13.2583	10.7178	1.2370	1.1928	6.4324
0.20	1.9563	1.0665	11.4378	9.2397	1.2379	1.2033	6.4152
0.40	2.1515	1.0546	9.9590	8.0375	1.2391	1.2123	6.4033
0.60	2.3478	1.0458	8.7518	7.0319	1.2460	1.2253	6.4103
0.80	2.5453	1.0397	7.7850	6.2247	1.2507	1.2381	6.4250
1.00	2.7439	1.0365	7.0011	5.5550	1.2603	1.2530	6.4537
1.20	2.9441	1.0368	6.3742	5.0447	1.2635	1.2675	6.4919
1.40	3.1460	1.0415	5.8868	4.6338	1.2704	1.2852	6.5517
1.60	3.3504	1.0522	5.5193	4.3462	1.2699	1.3067	6.6401
1.80	3.5585	1.0718	5.2485	4.1610	1.2614	1.3252	6.7490
2.00	3.7716	1.1047	5.1314	4.1215	1.2450	1.3520	6.9208
2.20	3.9916	1.1567	5.2299	4.3602	1.1995	1.3181	6.9924
2.40	4.2170	1.2265	0.0	0.0	0.0	0.0	0.0

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-5.00	-2.9607	2.0186	0.0	14.2731	0.0	0.0	0.0
-4.80	-2.7625	2.0101	13.3331	10.5660	1.2619	0.0	0.0
-4.60	-2.5639	2.0038	10.7578	8.2246	1.3080	1.2979	9.1949
-4.40	-2.3650	1.9984	9.3244	6.9054	1.3503	1.3423	9.3382
-4.20	-2.1662	1.9931	8.7624	6.3618	1.3773	1.3697	9.4205
-4.00	-1.9676	1.9868	8.9531	6.4725	1.3832	1.3708	9.4095
-3.80	-1.7694	1.9784	9.8691	7.2492	1.3614	1.3476	9.3095
-3.60	-1.5720	1.9665	11.6780	8.7650	1.3323	1.3113	9.1558
-3.40	-1.3758	1.9495	14.4770	11.1163	1.3023	1.2719	8.9783
-3.20	-1.1812	1.9254	18.4684	14.4046	1.2821	1.2407	8.8124
-3.00	-0.9888	1.8921	23.6057	18.5584	1.2720	1.2158	8.6477
-2.80	-0.7991	1.8479	29.5563	23.2850	1.2693	1.1958	8.4757
-2.60	-0.6123	1.7924	35.7361	27.9828	1.2771	1.1829	8.3021
-2.40	-0.4285	1.7266	41.0841	31.9157	1.2873	1.1739	8.1172
-2.20	-0.2474	1.6534	44.6970	34.4695	1.2967	1.1682	7.9241
-2.00	-0.0680	1.5765	46.1175	35.3733	1.3037	1.1649	7.7266
-1.80	0.1103	1.4999	45.2211	34.6967	1.3033	1.1617	7.5263
-1.60	0.2887	1.4269	42.6190	32.7832	1.3000	1.1611	7.3389
-1.40	0.4678	1.3599	38.8532	30.0554	1.2927	1.1616	7.1661
-1.20	0.6483	1.3002	34.5318	26.9436	1.2816	1.1621	7.0086
-1.00	0.8305	1.2482	30.1638	23.7345	1.2709	1.1644	6.8737
-0.80	1.0148	1.2038	26.0207	20.6603	1.2595	1.1568	6.7573
-0.60	1.2012	1.1665	22.3079	17.8486	1.2498	1.1709	6.6636
-0.40	1.3895	1.1355	19.0748	15.3510	1.2426	1.1762	6.5893
-0.20	1.5796	1.1101	16.3294	13.1857	1.2384	1.1824	6.5322
0.0	1.7714	1.0894	14.0083	11.3420	1.2351	1.1895	6.4902

T= 14800

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
0.20	1.9648	1.0728	12.1072	9.7973	1.2358	1.1989	6.4661
0.40	2.1594	1.0597	10.5390	8.5106	1.2383	1.2081	6.4512
0.60	2.3554	1.0498	9.2537	7.4574	1.2409	1.2190	6.4500
0.80	2.5525	1.0429	8.2122	6.5956	1.2451	1.2306	6.4594
1.00	2.7509	1.0391	7.3794	5.9050	1.2497	1.2452	6.4858
1.20	2.9508	1.0388	6.7132	5.3469	1.2555	1.2585	6.5192
1.40	3.1525	1.0430	6.1919	4.9189	1.2588	1.2752	6.5755
1.60	3.3568	1.0532	5.7944	4.6060	1.2580	1.2954	6.6597
1.80	3.5646	1.0724	5.5268	4.4195	1.2506	1.3131	6.7657
2.00	3.7775	1.1046	5.3852	4.3901	1.2267	1.3463	6.9532
2.20	3.9970	1.1554	5.5193	4.7120	1.1713	1.2836	6.9428
2.40	4.2195	1.2168	0.0	0.0	0.0	0.0	0.0

T= 15000

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-5.00	-2.9532	2.0261	0.0	17.4820	0.0	0.0	0.0
-4.80	-2.7556	2.0152	15.6892	12.6923	1.2361	0.0	0.0
-4.60	-2.5573	2.0074	12.2376	9.5779	1.2777	1.2687	9.1603
-4.40	-2.3586	2.0013	10.1737	7.6844	1.3239	1.3159	9.3149
-4.20	-2.1598	1.9957	9.1239	6.7063	1.3605	1.3513	9.4261
-4.00	-1.9611	1.9896	8.9030	6.4565	1.3789	1.3677	9.4688
-3.80	-1.7628	1.9820	9.4370	6.8862	1.3704	1.3571	9.4138
-3.60	-1.5651	1.9716	10.7837	8.0093	1.3464	1.3264	9.2823
-3.40	-1.3684	1.9568	13.0768	9.9363	1.3161	1.2914	9.1246
-3.20	-1.1731	1.9357	16.4657	12.7433	1.2921	1.2548	8.9459
-3.00	-0.9797	1.9062	21.0380	16.4552	1.2785	1.2274	8.7801
-2.80	-0.7889	1.8665	26.6051	20.8767	1.2744	1.2067	8.6146
-2.60	-0.6009	1.8155	32.6307	25.5385	1.2777	1.1907	8.4394
-2.40	-0.4160	1.7537	38.2588	29.7557	1.2858	1.1793	8.2545
-2.20	-0.2338	1.6831	42.5833	32.8570	1.2960	1.1726	8.0639
-2.00	-0.0538	1.6073	44.8288	34.4107	1.3028	1.1676	7.8634
-1.80	0.1248	1.5302	44.8827	34.3587	1.3063	1.1647	7.6630
-1.60	0.3031	1.4555	42.9562	32.9516	1.3036	1.1624	7.4662
-1.40	0.4819	1.3860	39.6559	30.5908	1.2963	1.1617	7.2836
-1.20	0.6618	1.3233	35.6190	27.6874	1.2865	1.1621	7.1182
-1.00	0.8433	1.2683	31.3694	24.5851	1.2759	1.1642	6.9748
-0.80	1.0268	1.2210	27.2326	21.5333	1.2647	1.1665	6.8504
-0.60	1.2123	1.1810	23.4370	18.6856	1.2543	1.1697	6.7464
-0.40	1.3999	1.1475	20.1012	16.1335	1.2459	1.1741	6.6628
-0.20	1.5893	1.1200	17.2261	13.8987	1.2394	1.1797	6.5978
0.0	1.7805	1.0975	14.8094	11.9856	1.2356	1.1861	6.5491
0.20	1.9733	1.0794	12.7837	10.3637	1.2335	1.1930	6.5136
0.40	2.1675	1.0651	11.1251	9.0204	1.2333	1.2025	6.4960
0.60	2.3630	1.0542	9.7689	7.9084	1.2352	1.2119	6.4879
0.80	2.5598	1.0464	8.6713	6.9915	1.2402	1.2243	6.4969
1.00	2.7579	1.0419	7.7790	6.2542	1.2438	1.2369	6.5161
1.20	2.9575	1.0410	7.0711	5.6737	1.2463	1.2507	6.5495
1.40	3.1590	1.0446	6.5126	5.2194	1.2478	1.2649	6.5981
1.60	3.3631	1.0544	6.0885	4.8887	1.2454	1.2804	6.6694
1.80	3.5707	1.0730	5.8017	4.6901	1.2370	1.2983	6.7748
2.00	3.7832	1.1045	5.7187	4.6840	1.2209	1.3050	5.8925
2.20	4.0022	1.1538	5.9000	5.0713	1.1634	1.2803	6.9768
2.40	4.2196	1.2009	0.0	0.0	0.0	0.0	0.0

T= 15200

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-5.00	-2.9455	2.0356	0.0	21.3855	0.0	0.0	0.0
-4.80	-2.7485	2.0217	18.6831	15.3676	1.2157	0.0	0.0
-4.60	-2.5506	2.0118	14.1871	11.3269	1.2525	1.2417	9.1326
-4.40	-2.3521	2.0045	11.3464	8.7529	1.2963	1.2883	9.2854
-4.20	-2.1535	1.9984	9.7330	7.2660	1.3395	1.3314	9.4251
-4.00	-1.9548	1.9924	9.0655	6.6375	1.3658	1.3578	9.5038
-3.80	-1.7563	1.9853	9.2254	6.7031	1.3763	1.3614	9.4993
-3.60	-1.5584	1.9760	10.1473	7.4757	1.3574	1.3403	9.4035
-3.40	-1.3612	1.9630	11.9740	8.9907	1.3318	1.3086	9.2608
-3.20	-1.1654	1.9445	14.8277	11.3534	1.3060	1.2726	9.0894
-3.00	-0.9712	1.9184	18.7956	14.6202	1.2856	1.2394	8.9097
-2.80	-0.7793	1.8828	23.8472	18.6839	1.2764	1.2159	8.7428
-2.60	-0.5902	1.8363	29.6235	23.1987	1.2769	1.1979	8.5699
-2.40	-0.4041	1.7785	35.3991	27.5666	1.2841	1.1860	8.3921
-2.20	-0.2209	1.7111	40.2225	31.0824	1.2941	1.1770	8.2002
-2.00	-0.0401	1.6370	43.2658	33.2247	1.3022	1.1706	7.9987
-1.80	0.1390	1.5601	44.1705	33.7894	1.3072	1.1674	7.7977
-1.60	0.3173	1.4842	42.9880	32.9253	1.3056	1.1646	7.5967
-1.40	0.4958	1.4125	40.2820	30.9586	1.3012	1.1631	7.4061
-1.20	0.6752	1.3471	36.5726	28.3192	1.2914	1.1627	7.2314
-1.00	0.8561	1.2891	32.4790	25.3577	1.2808	1.1640	7.0779
-0.80	1.0388	1.2388	28.3667	22.3565	1.2688	1.1657	6.9435
-0.60	1.2236	1.1960	24.5413	19.5025	1.2584	1.1687	6.8313
-0.40	1.4104	1.1601	21.1011	16.8988	1.2487	1.1716	6.7365
-0.20	1.5991	1.1304	18.1225	14.6096	1.2405	1.1764	6.6633
0.0	1.7896	1.1061	15.5974	12.6291	1.2350	1.1825	6.6081
0.20	1.9818	1.0864	13.4950	10.9424	1.2333	1.1898	6.5695
0.40	2.1755	1.0708	11.7451	9.5324	1.2321	1.1975	6.5431
0.60	2.3706	1.0588	10.3034	8.3541	1.2333	1.2061	6.5295
0.80	2.5671	1.0501	9.1367	7.4039	1.2340	1.2169	6.5319
1.00	2.7649	1.0449	8.1952	6.6265	1.2367	1.2282	6.5455
1.20	2.9643	1.0433	7.4367	6.0066	1.2381	1.2400	6.5722
1.40	3.1655	1.0463	6.8450	5.5334	1.2370	1.2551	6.6216
1.60	3.3693	1.0556	6.4060	5.1843	1.2357	1.2676	6.6838
1.80	3.5767	1.0736	6.1036	4.9898	1.2232	1.2825	6.7802
2.00	3.7889	1.1043	6.0235	4.9873	1.2078	1.2883	6.8919
2.20	4.0073	1.1519	0.0	5.4871	0.0	0.0	0.0

T= 15400

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-5.00	-2.9373	2.0475	0.0	25.9872	0.0	0.0	0.0
-4.80	-2.7410	2.0298	22.3775	18.6266	1.2014	0.0	0.0
-4.60	-2.5437	2.0174	16.6290	13.5054	1.2313	1.2215	9.1300
-4.40	-2.3456	2.0085	12.9095	10.1452	1.2725	1.2653	9.2718
-4.20	-2.1471	2.0015	10.6673	8.0958	1.3176	1.3142	9.4326
-4.00	-1.9485	1.9952	9.4826	6.9966	1.3553	1.3469	9.5342
-3.80	-1.7500	1.9883	9.1863	6.7105	1.3690	1.3581	9.5573
-3.60	-1.5519	1.9798	9.7226	7.1232	1.3649	1.3487	9.5037
-3.40	-1.3544	1.9683	11.0901	8.2714	1.3408	1.3180	9.3677
-3.20	-1.1580	1.9520	13.4392	10.2220	1.3147	1.2848	9.2106
-3.00	-0.9632	1.9289	16.8855	13.0482	1.2941	1.2520	9.0384
-2.80	-0.7704	1.8971	21.4539	16.7222	1.2830	1.2245	8.8646
-2.60	-0.5802	1.8548	26.8948	21.0045	1.2804	1.2048	8.6943
-2.40	-0.3929	1.8013	32.6304	25.3772	1.2858	1.1919	8.5218

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T= 15400

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-2.20	-0.2086	1.7373	37.7714	29.1938	1.2938	1.1815	8.3325
-2.00	-0.0270	1.6654	41.4625	31.8451	1.3020	1.1741	8.1327
-1.80	0.1527	1.5892	43.2034	33.0201	1.3084	1.1695	7.9290
-1.60	0.3312	1.5126	42.8463	32.6896	1.3107	1.1668	7.7266
-1.40	0.5096	1.4391	40.6715	31.1772	1.3045	1.1646	7.5295
-1.20	0.6886	1.3712	37.4212	28.8308	1.2980	1.1645	7.3495
-1.00	0.8689	1.3104	33.5017	26.0389	1.2866	1.1644	7.1842
-0.80	1.0509	1.2573	29.4909	23.1303	1.2750	1.1662	7.0425
-0.60	1.2349	1.2117	25.6310	20.2867	1.2634	1.1678	6.9185
-0.40	1.4209	1.1733	22.1336	17.6774	1.2521	1.1709	6.8171
-0.20	1.6089	1.1414	19.0602	15.3129	1.2447	1.1746	6.7341
0.0	1.7988	1.1151	16.4411	13.2779	1.2382	1.1810	6.6745
0.20	1.9905	1.0938	14.2119	11.5328	1.2323	1.1869	6.6269
0.40	2.1837	1.0768	12.3660	10.0533	1.2300	1.1938	6.5943
0.60	2.3783	1.0637	10.8673	8.8420	1.2291	1.2032	6.5795
0.80	2.5744	1.0541	9.6225	7.8265	1.2295	1.2101	6.5686
1.00	2.7719	1.0480	8.6257	7.0078	1.2309	1.2221	6.5820
1.20	2.9709	1.0457	7.8283	6.3593	1.2310	1.2319	6.6012
1.40	3.1720	1.0482	7.2150	5.8529	1.2327	1.2461	6.6469
1.60	3.3755	1.0568	6.7344	5.5047	1.2234	1.2594	6.7098
1.80	3.5826	1.0743	6.4393	5.3020	1.2145	1.2727	6.8007
2.00	3.7945	1.1041	6.3101	5.3288	1.1841	1.2777	6.9081
2.20	4.0121	1.1497	0.0	5.9425	0.0	0.0	0.0

T= 15500

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-5.00	-2.9330	2.0545	0.0	28.5444	0.0	0.0	0.0
-4.80	-2.7372	2.0345	24.4484	20.4859	1.1934	0.0	0.0
-4.60	-2.5402	2.0207	18.0799	14.8047	1.2212	1.2057	9.1074
-4.40	-2.3423	2.0108	13.8245	10.9971	1.2571	1.2461	9.2361
-4.20	-2.1439	2.0032	11.2079	8.6075	1.3021	1.2902	9.3804
-4.00	-1.9454	1.9966	9.7644	7.2678	1.3435	1.3317	9.5145
-3.80	-1.7469	1.9898	9.2635	6.7873	1.3648	1.3588	9.5943
-3.60	-1.5487	1.9816	9.5876	7.0132	1.3671	1.3558	9.5642
-3.40	-1.3511	1.9706	10.7730	7.9807	1.3499	1.3293	9.4438
-3.20	-1.1545	1.9553	12.8583	9.7372	1.3205	1.2947	9.2839
-3.00	-0.9593	1.9336	16.0468	12.3411	1.3003	1.2644	9.1236
-2.80	-0.7661	1.9036	20.3660	15.8365	1.2860	1.2353	8.9477
-2.60	-0.5754	1.8633	25.5776	19.9545	1.2818	1.2130	8.7723
-2.40	-0.3875	1.8119	31.1718	24.2954	1.2830	1.1945	8.5839
-2.20	-0.2027	1.7497	36.4712	28.2400	1.2915	1.1836	8.3968
-2.00	-0.0206	1.6791	40.5037	31.0980	1.3025	1.1771	8.2029
-1.80	0.1594	1.6034	42.5354	32.5422	1.3071	1.1706	7.9939
-1.60	0.3381	1.5267	42.5597	32.5037	1.3094	1.1684	7.7929
-1.40	0.5164	1.4525	40.7768	31.2153	1.3063	1.1663	7.5942
-1.20	0.6953	1.3834	37.7030	29.0271	1.2989	1.1650	7.4077
-1.00	0.8753	1.3213	33.9642	26.3548	1.2887	1.1653	7.2403
-0.80	1.0570	1.2667	30.0101	23.4830	1.2780	1.1671	7.0946
-0.60	1.2406	1.2198	26.1381	20.6686	1.2646	1.1676	6.9634
-0.40	1.4263	1.1801	22.6294	18.0402	1.2544	1.1710	6.8593
-0.20	1.6139	1.1471	19.5170	15.6684	1.2456	1.1751	6.7744
0.0	1.8035	1.1198	16.8338	13.5977	1.2380	1.1789	6.7041
0.20	1.9948	1.0977	14.5476	11.8243	1.2303	1.1820	6.6461
0.40	2.1877	1.0800	12.6788	10.3146	1.2292	1.1887	6.6110

T= 15500

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
0.60	2.3822	1.0662	11.1407	9.0723	1.2280	1.1980	6.5944
0.80	2.5780	1.0561	9.8727	8.0379	1.2283	1.2059	6.5849
1.00	2.7754	1.0496	8.8452	7.2090	1.2270	1.2134	6.5849
1.20	2.9743	1.0470	8.0345	6.5361	1.2292	1.2272	6.6142
1.40	3.1752	1.0491	7.3976	6.0205	1.2287	1.2379	6.6495
1.60	3.3786	1.0575	6.9062	5.6612	1.2199	1.2517	6.7130
1.80	3.5856	1.0746	6.5893	5.4536	1.2083	1.2635	6.7989
2.00	3.7973	1.1040	6.4951	5.5020	1.1805	1.2635	6.8913
2.20	4.0144	1.1485	0.0	6.1876	0.0	0.0	0.0

T= 15600

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-5.00	-2.9285	2.0622	0.0	31.2717	0.0	0.0	0.0
-4.80	-2.7333	2.0399	26.6472	22.4867	1.1850	1.1638	9.0193
-4.60	-2.5366	2.0243	19.6858	16.2323	1.2128	1.1934	9.0984
-4.40	-2.3390	2.0133	14.8704	11.9228	1.2472	1.2300	9.2117
-4.20	-2.1408	2.0050	11.8366	9.1815	1.2892	1.2740	9.3558
-4.00	-1.9423	1.9981	10.1114	7.5991	1.3306	1.3188	9.5023
-3.80	-1.7437	1.9913	9.3970	6.9027	1.3614	1.3486	9.5927
-3.60	-1.5455	1.9833	9.5230	6.9576	1.3687	1.3579	9.6065
-3.40	-1.3478	1.9729	10.5035	7.7390	1.3572	1.3404	9.5190
-3.20	-1.1510	1.9584	12.3702	9.3034	1.3296	1.3081	9.3690
-3.00	-0.9555	1.9380	15.2918	11.7046	1.3065	1.2734	9.1958
-2.80	-0.7619	1.9096	19.2829	14.9774	1.2875	1.2427	9.0174
-2.60	-0.5707	1.8713	24.3041	18.9455	1.2828	1.2191	8.8412
-2.40	-0.3824	1.8219	29.8012	23.2523	1.2816	1.2002	8.6560
-2.20	-0.1970	1.7616	35.1626	27.2672	1.2896	1.1885	8.4701
-2.00	-0.0144	1.6924	39.4239	30.3240	1.3001	1.1792	8.2693
-1.80	0.1659	1.6174	41.8008	32.0225	1.3054	1.1735	8.0647
-1.60	0.3448	1.5407	42.2418	32.2656	1.3092	1.1699	7.8587
-1.40	0.5232	1.4658	40.8204	31.1993	1.3084	1.1673	7.6571
-1.20	0.7019	1.3957	37.9671	29.1933	1.3005	1.1659	7.4673
-1.00	0.8817	1.3322	34.3768	26.6393	1.2905	1.1652	7.2932
-0.80	1.0631	1.2763	30.4829	23.8240	1.2795	1.1660	7.1410
-0.60	1.2463	1.2280	26.6366	21.0366	1.2662	1.1677	7.0096
-0.40	1.4316	1.1871	23.0870	18.3958	1.2550	1.1686	6.8945
-0.20	1.6189	1.1529	19.9524	16.0208	1.2454	1.1727	6.8063
0.0	1.8081	1.1246	17.2203	13.9170	1.2374	1.1766	6.7337
0.20	1.9991	1.1016	14.9187	12.1144	1.2315	1.1814	6.6780
0.40	2.1918	1.0832	13.0057	10.5855	1.2286	1.1879	6.6400
0.60	2.3860	1.0688	11.4171	9.3076	1.2266	1.1944	6.6140
0.80	2.5817	1.0582	10.1212	8.2571	1.2258	1.2023	6.5027
1.00	2.7788	1.0513	9.0756	7.4119	1.2245	1.2097	6.6013
1.20	2.9776	1.0483	8.2354	6.7212	1.2253	1.2205	6.6213
1.40	3.1784	1.0501	7.5680	6.1992	1.2208	1.2312	6.6561
1.60	3.3817	1.0582	7.0830	5.8238	1.2162	1.2426	6.7122
1.80	3.5885	1.0749	6.7455	5.6204	1.2002	1.2531	6.7937
2.00	3.8000	1.1038	6.6655	5.6787	1.1738	1.2477	6.8697
2.20	4.0167	1.1471	0.0	6.4454	0.0	0.0	0.0

T= 15800

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-5.00	-2.9193	2.0801	0.0	37.1735	0.0	0.0	0.0

T= 15800

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-4.80	-2.7251	2.0524	31.9380	27.0087	1.1825	1.1542	9.0670
-4.60	-2.5292	2.0329	23.3180	19.4385	1.1996	1.1792	9.1210
-4.40	-2.3322	2.0192	17.3450	14.1246	1.2280	1.2124	9.2171
-4.20	-2.1343	2.0092	13.4140	10.5980	1.2657	1.2552	9.3553
-4.00	-1.9360	2.0014	11.0417	8.4236	1.3108	1.3008	9.5053
-3.80	-1.7376	1.9942	9.8036	7.2774	1.3471	1.3350	9.6123
-3.60	-1.5392	1.9865	9.5076	6.9656	1.3649	1.3517	9.6534
-3.40	-1.3413	1.9770	10.0492	7.3990	1.3582	1.3435	9.6009
-3.20	-1.1442	1.9640	11.5098	8.5881	1.3402	1.3168	9.4739
-3.00	-0.9482	1.9458	13.9456	10.6004	1.3156	1.2829	9.3079
-2.80	-0.7539	1.9205	17.4536	13.4689	1.2958	1.2527	9.1372
-2.60	-0.5618	1.8859	22.0085	17.1149	1.2859	1.2265	8.9596
-2.40	-0.3724	1.8405	27.3098	21.2355	1.2860	1.2081	8.7844
-2.20	-0.1859	1.7841	32.6815	25.3103	1.2912	1.1940	8.5980
-2.00	-0.0024	1.7178	37.2917	28.6971	1.2995	1.1841	8.4020
-1.80	0.1787	1.6446	40.4110	30.8949	1.3080	1.1773	8.1973
-1.60	0.3581	1.5682	41.5204	31.6522	1.3118	1.1726	7.9886
-1.40	0.5365	1.4924	40.7117	31.0682	1.3104	1.1687	7.7803
-1.20	0.7151	1.4204	38.4241	29.4423	1.3051	1.1667	7.5837
-1.00	0.8944	1.3545	35.1453	27.1208	1.2959	1.1663	7.4044
-0.80	1.0752	1.2958	31.3969	24.4675	1.2832	1.1653	7.2392
-0.60	1.2578	1.2449	27.6330	21.7327	1.2715	1.1665	7.0991
-0.40	1.4423	1.2014	24.0698	19.1117	1.2594	1.1685	6.9800
-0.20	1.6289	1.1648	20.8544	16.7062	1.2483	1.1711	6.8807
0.0	1.8175	1.1346	18.0645	14.5650	1.2403	1.1749	6.8016
0.20	2.0079	1.1098	15.6784	12.7101	1.2335	1.1797	6.7407
0.40	2.2000	1.0899	13.6677	11.1333	1.2276	1.1847	6.6941
0.60	2.3938	1.0743	12.0040	9.8114	1.2235	1.1905	6.6621
0.80	2.5890	1.0626	10.6441	8.7152	1.2213	1.1978	6.6462
1.00	2.7858	1.0548	9.5365	7.8138	1.2205	1.2058	6.6438
1.20	2.9843	1.0511	8.6429	7.1060	1.2163	1.2138	6.6539
1.40	3.1848	1.0522	7.9591	6.5585	1.2135	1.2232	6.6832
1.60	3.3878	1.0596	7.4473	6.1758	1.2059	1.2343	6.7370
1.80	3.5943	1.0756	7.1231	5.9676	1.1936	1.2444	6.8157
2.00	3.8054	1.1035	7.0191	6.0593	1.1584	1.2353	6.8780
2.20	4.0210	1.1439	0.0	7.0039	0.0	0.0	0.0

T= 16000

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-5.00	-2.9094	2.1015	0.0	43.5446	0.0	0.0	0.0
-4.80	-2.7164	2.0676	37.9731	32.1170	1.1823	1.1448	9.1205
-4.60	-2.5215	2.0434	27.6316	23.2362	1.1892	1.1649	9.1464
-4.40	-2.3252	2.0264	20.3479	16.7732	1.2131	1.1936	9.2198
-4.20	-2.1278	2.0143	15.3866	12.3553	1.2453	1.2309	9.3345
-4.00	-1.9297	2.0051	12.2248	9.5080	1.2857	1.2745	9.4768
-3.80	-1.7314	1.9974	10.4338	7.8616	1.3272	1.3164	9.6129
-3.60	-1.5331	1.9897	9.6723	7.1457	1.3536	1.3425	9.5888
-3.40	-1.3351	1.9807	9.8491	7.2258	1.3630	1.3461	9.6798
-3.20	-1.1377	1.9689	10.8771	8.0567	1.3501	1.3285	9.5876
-3.00	-0.9413	1.9526	12.8498	9.6873	1.3265	1.2962	9.4312
-2.80	-0.7463	1.9299	15.8717	12.1606	1.3052	1.2649	9.2622
-2.60	-0.5534	1.8987	19.9560	15.4547	1.2913	1.2365	9.0835
-2.40	-0.3630	1.8572	24.8889	19.3386	1.2870	1.2166	8.9112
-2.20	-0.1755	1.8047	30.1711	23.3983	1.2895	1.1999	8.7236

T= 16000

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-2.00	0.0091	1.7417	35.0683	27.0082	1.2984	1.1893	8.5322
-1.80	0.1910	1.6706	38.6806	29.6064	1.3065	1.1813	8.3282
-1.60	0.3709	1.5950	40.4741	30.8739	1.3109	1.1745	8.1140
-1.40	0.5496	1.5187	40.3836	30.7723	1.3123	1.1708	7.9052
-1.20	0.7280	1.4452	38.6131	29.5323	1.3075	1.1681	7.7024
-1.00	0.9071	1.3770	35.7565	27.4960	1.3004	1.1672	7.5157
-0.80	1.0873	1.3158	32.2332	25.0179	1.2884	1.1664	7.3444
-0.60	1.2692	1.2622	28.5357	22.3797	1.2751	1.1660	7.1919
-0.40	1.4531	1.2162	24.9903	19.7838	1.2632	1.1675	7.0642
-0.20	1.6390	1.1773	21.7396	17.3665	1.2518	1.1696	6.9565
0.0	1.8269	1.1449	18.8687	15.1972	1.2416	1.1727	6.8692
0.20	2.0167	1.1184	16.4074	13.3005	1.2336	1.1765	6.8000
0.40	2.2083	1.0969	14.3275	11.6766	1.2270	1.1810	6.7474
0.60	2.4015	1.0800	12.5892	10.3012	1.2221	1.1849	6.7062
0.80	2.5964	1.0672	11.1726	9.1668	1.2188	1.1917	6.6855
1.00	2.7928	1.0585	10.0098	8.2335	1.2157	1.1993	6.6794
1.20	2.9909	1.0539	9.0833	7.4994	1.2112	1.2062	6.6840
1.40	3.1911	1.0544	8.3561	6.9272	1.2063	1.2134	6.7052
1.60	3.3939	1.0611	7.8132	6.5248	1.1975	1.2233	6.7540
1.80	3.6001	1.0763	7.4719	6.3281	1.1808	1.2315	6.8253
2.00	3.8107	1.1030	7.3997	6.4534	1.1466	1.2174	6.8697
2.20	4.0250	1.1400	0.0	7.6256	0.0	0.0	0.0

T= 16200

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-5.00	-2.8988	2.1266	0.0	50.2136	0.0	0.0	0.0
-4.80	-2.7072	2.0858	0.0	37.6996	0.0	1.1376	9.1888
-4.60	-2.5134	2.0562	32.6793	27.5652	1.1855	1.1539	9.1887
-4.40	-2.3179	2.0352	23.9041	19.9149	1.2003	1.1784	9.2381
-4.20	-2.1211	2.0204	17.8159	14.4935	1.2292	1.2125	9.3364
-4.00	-1.9234	2.0095	13.7785	10.8920	1.2650	1.2521	9.4620
-3.80	-1.7253	2.0008	11.3211	8.6717	1.3055	1.2940	9.5981
-3.60	-1.5270	1.9928	10.0974	7.5139	1.3438	1.3283	9.7053
-3.40	-1.3289	1.9841	9.8216	7.2212	1.3601	1.3445	9.7429
-3.20	-1.1313	1.9732	10.4461	7.7026	1.3562	1.3375	9.6909
-3.00	-0.9346	1.9586	11.9849	8.9732	1.3356	1.3110	9.5587
-2.80	-0.7391	1.9382	14.5478	11.0679	1.3144	1.2793	9.3930
-2.60	-0.5455	1.9100	18.1454	13.9866	1.2973	1.2484	9.2113
-2.40	-0.3541	1.8722	22.7260	17.5987	1.2913	1.2259	9.0370
-2.20	-0.1656	1.8234	27.8460	21.5479	1.2923	1.2080	8.8533
-2.00	0.0200	1.7639	32.7885	25.2893	1.2965	1.1937	8.6556
-1.80	0.2028	1.6953	36.8133	28.2139	1.3048	1.1846	8.4536
-1.60	0.3833	1.6210	39.2791	29.9379	1.3120	1.1783	8.2440
-1.40	0.5623	1.5446	39.8035	30.3116	1.3131	1.1727	8.0285
-1.20	0.7408	1.4699	38.6425	29.4778	1.3109	1.1702	7.8237
-1.00	0.9196	1.3998	36.1777	27.7526	1.3036	1.1681	7.6279
-0.80	1.0994	1.3362	32.9633	25.4851	1.2934	1.1670	7.4488
-0.60	1.2807	1.2800	29.4142	22.9557	1.2813	1.1672	7.2912
-0.40	1.4639	1.2314	25.8867	20.4178	1.2678	1.1675	7.1526
-0.20	1.6491	1.1902	22.6057	18.0076	1.2553	1.1682	7.0339
0.0	1.8364	1.1557	19.6768	15.8169	1.2440	1.1706	6.9385
0.20	2.0256	1.1273	17.1480	13.8906	1.2345	1.1737	6.8615
0.40	2.2166	1.1043	14.9880	12.2127	1.2272	1.1766	6.7995
0.60	2.4093	1.0860	13.1938	10.8019	1.2214	1.1822	6.7589

T= 16200

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
0.80	2.6037	1.0721	11.6985	9.6293	1.2149	1.1862	6.7268
1.00	2.7998	1.0623	10.4995	8.6726	1.2107	1.1927	6.7146
1.20	2.9976	1.0570	9.5276	7.8969	1.2065	1.1992	6.7159
1.40	3.1974	1.0566	8.7607	7.3048	1.1993	1.2058	6.7333
1.60	3.3999	1.0626	8.2012	6.8969	1.1891	1.2135	6.7740
1.80	3.6057	1.0770	7.8481	6.7036	1.1707	1.2217	6.8428
2.00	3.8159	1.1024	7.7973	6.8658	1.1357	1.1962	6.8500
2.20	4.0286	1.1353	0.0	8.3334	0.0	0.0	0.0

T= 16400

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-5.00	-2.8876	2.1554	0.0	56.9406	0.0	0.0	0.0
-4.80	-2.6974	2.1074	51.6510	43.6870	1.1823	1.1323	9.2712
-4.60	-2.5048	2.0717	38.2662	32.3790	1.1818	1.1460	9.2481
-4.40	-2.3103	2.0460	28.1195	23.5388	1.1946	1.1677	9.2772
-4.20	-2.1141	2.0278	20.6983	17.0723	1.2124	1.1969	9.3505
-4.00	-1.9169	2.0147	15.6839	12.6085	1.2439	1.2337	9.4623
-3.80	-1.7191	2.0047	12.5116	9.7218	1.2870	1.2776	9.6052
-3.60	-1.5210	1.9961	10.6819	8.0801	1.3220	1.3167	9.7302
-3.40	-1.3229	1.9874	9.9662	7.3813	1.3502	1.3375	9.7854
-3.20	-1.1251	1.9772	10.1920	7.5236	1.3547	1.3377	9.7609
-3.00	-0.9281	1.9638	11.3474	8.4376	1.3449	1.3211	9.6672
-2.80	-0.7321	1.9454	13.4543	10.1579	1.3245	1.2894	9.5057
-2.60	-0.5379	1.9200	16.6134	12.7164	1.3065	1.2609	9.3385
-2.40	-0.3457	1.8855	20.7290	16.0157	1.2943	1.2330	9.1512
-2.20	-0.1562	1.8404	25.5567	19.7958	1.2910	1.2127	8.9664
-2.00	0.0303	1.7844	30.5706	23.5692	1.2971	1.1989	8.7786
-1.80	0.2140	1.7187	34.9412	26.7686	1.3053	1.1886	8.5784
-1.60	0.3953	1.6460	37.8777	28.8786	1.3116	1.1811	8.3683
-1.40	0.5747	1.5700	39.0573	29.6916	1.3154	1.1760	8.1551
-1.20	0.7533	1.4945	38.4866	29.2898	1.3140	1.1720	7.9432
-1.00	0.9320	1.4227	36.4510	27.9019	1.3064	1.1690	7.7402
-0.80	1.1114	1.3569	33.4910	25.8533	1.2954	1.1664	7.5506
-0.60	1.2922	1.2982	30.1530	23.4859	1.2839	1.1667	7.3867
-0.40	1.4748	1.2472	26.7308	21.0196	1.2703	1.1671	7.2412
-0.20	1.6593	1.2036	23.4234	18.6252	1.2576	1.1679	7.1158
0.0	1.8459	1.1669	20.4711	16.4378	1.2454	1.1691	7.0103
0.20	2.0345	1.1366	17.8511	14.4640	1.2342	1.1702	6.9219
0.40	2.2249	1.1119	15.6600	12.7741	1.2259	1.1740	6.8574
0.60	2.4172	1.0923	13.7866	11.3224	1.2176	1.1788	6.8103
0.80	2.6111	1.0771	12.2573	10.0965	1.2140	1.1832	6.7757
1.00	2.8068	1.0664	10.9903	9.1007	1.2076	1.1881	6.7558
1.20	3.0042	1.0602	9.9852	8.3077	1.2019	1.1925	6.7484
1.40	3.2037	1.0590	9.1915	7.6931	1.1948	1.2008	6.7682
1.60	3.4059	1.0642	8.6085	7.2759	1.1832	1.2070	6.8024
1.80	3.6114	1.0778	8.2318	7.0903	1.1610	1.2113	6.8578
2.00	3.8209	1.1017	8.2158	7.3060	1.1245	1.1869	6.8631
2.20	4.0317	1.1295	0.0	9.1271	0.0	0.0	0.0

T= 16500

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-5.00	-2.8818	2.1713	0.0	60.2259	0.0	0.0	0.0
-4.80	-2.6923	2.1194	55.3889	46.7397	1.1850	1.1302	9.3175

T= 16500

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-4.60	-2.5004	2.0804	41.3330	34.9675	1.1820	1.1408	9.2743
-4.40	-2.3063	2.0522	30.3934	25.5497	1.1896	1.1600	9.2886
-4.20	-2.1106	2.0321	22.3437	18.4993	1.2078	1.1845	9.3399
-4.00	-1.9137	2.0177	16.7961	13.5686	1.2379	1.2198	9.4447
-3.80	-1.7160	2.0069	13.1973	10.3599	1.2739	1.2610	9.5770
-3.60	-1.5179	1.9979	11.0899	8.4360	1.3146	1,3042	9.7176
-3.40	-1.3199	1.9891	10.1208	7.5322	1.3437	1.3334	9.8042
-3.20	-1.1221	1.9791	10.1521	7.4838	1.3565	1.3414	9.8089
-3.00	-0.9249	1.9662	11.0976	8.2234	1.3495	1.3259	9.7201
-2.80	-0.7288	1.9487	12.9805	9.7708	1.3285	1.2947	9.5624
-2.60	-0.5342	1.9245	15.9242	12.1421	1.3115	1.2700	9.4117
-2.40	-0.3417	1.8916	19.7920	15.2924	1.2942	1.2382	9.2132
-2.20	-0.1518	1.8483	24.4917	18.9860	1.2900	1.2173	9.0300
-2.00	0.0353	1.7940	29.4932	22.7150	1.2984	1.2052	8.8522
-1.80	0.2195	1.7298	33.9275	25.9933	1.3052	1.1931	8.6484
-1.60	0.4011	1.6580	37.1046	28.2966	1.3113	1.1831	8.4317
-1.40	0.5808	1.5824	38.6256	29.3378	1.3166	1.1787	8.2217
-1.20	0.7595	1.5067	38.3131	29.1394	1.3148	1.1741	8.0072
-1.00	0.9381	1.4342	36.5350	27.9133	1.3089	1.1702	7.7990
-0.80	1.1173	1.3673	33.7907	26.0001	1.2996	1.1677	7.6068
-0.60	1.2979	1.3075	30.4786	23.7098	1.2855	1.1661	7.4336
-0.40	1.4802	1.2552	27.0748	21.2848	1.2720	1.1652	7.2806
-0.20	1.6644	1.2104	23.8263	18.9155	1.2596	1.1667	7.1541
0.0	1.8507	1.1727	20.8598	16.7186	1.2477	1.1688	7.0480
0.20	2.0389	1.1414	18.2235	14.7472	1.2357	1.1685	6.9527
0.40	2.2291	1.1159	15.9826	13.0353	1.2261	1.1728	6.8870
0.60	2.4211	1.0955	14.0947	11.5729	1.2179	1.1739	6.8271
0.80	2.6148	1.0798	12.5353	10.3294	1.2136	1.1790	6.7925
1.00	2.8103	1.0685	11.2351	9.3250	1.2048	1.1813	6.7636
1.20	3.0075	1.0618	10.2151	8.5139	1.1998	1.1878	6.7608
1.40	3.2069	1.0603	9.4073	7.8902	1.1923	1.1947	6.7755
1.60	3.4089	1.0651	8.8114	7.4634	1.1806	1.1985	6.8018
1.80	3.6141	1.0781	8.4339	7.2894	1.1570	1.2037	6.8580
2.00	3.8234	1.1012	8.4253	7.5346	1.1182	1.1689	6.8303
2.20	4.0330	1.1261	0.0	9.5683	0.0	0.0	0.0

T= 16600

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-5.00	-2.8758	2.1880	0.0	63.4489	0.0	0.0	0.0
-4.80	-2.6870	2.1323	59.1694	49.8514	1.1869	1.1277	9.3634
-4.60	-2.4958	2.0899	44.5892	37.6348	1.1848	1.1388	9.3158
-4.40	-2.3023	2.0589	32.8317	27.6286	1.1883	1.1548	9.3109
-4.20	-2.1070	2.0368	24.1273	20.0457	1.2036	1.1773	9.3506
-4.00	-1.9103	2.0209	18.0484	14.6448	1.2324	1.2103	9.4440
-3.80	-1.7129	2.0092	13.9876	11.0641	1.2642	1.2475	9.5600
-3.60	-1.5149	1.9997	11.5591	8.8429	1.3072	1.2867	9.6859
-3.40	-1.3169	1.9908	10.3443	7.7252	1.3390	1.3240	9.8034
-3.20	-1.1190	1.9809	10.1560	7.4786	1.3580	1.3414	9.8432
-3.00	-0.9218	1.9685	10.8806	8.0466	1.3522	1.3312	9.7748
-2.80	-0.7255	1.9518	12.5660	9.4318	1.3323	1.3072	9.6451
-2.60	-0.5306	1.9287	15.2712	11.6178	1.3145	1.2753	9.4704
-2.40	-0.3378	1.8973	18.9802	14.6109	1.2990	1.2471	9.2885
-2.20	-0.1474	1.8558	23.5413	18.1647	1.2960	1.2273	9.1128
-2.00	0.0402	1.8033	28.4368	21.8803	1.2997	1.2081	8.9127

T= 16600

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-1.80	0.2248	1.7406	32.8885	25.2578	1.3021	1.1957	8.7110
-1.60	0.4068	1.6699	36.2888	27.7056	1.3098	1.1861	8.4982
-1.40	0.5868	1.5947	38.0779	28.9574	1.3150	1.1790	8.2797
-1.20	0.7656	1.5188	38.0862	28.9526	1.3155	1.1751	8.0671
-1.00	0.9442	1.4456	36.5914	27.9094	1.3111	1.1713	7.8576
-0.80	1.1233	1.3778	34.0417	26.1268	1.3029	1.1697	7.6655
-0.60	1.3036	1.3168	30.8194	23.9119	1.2889	1.1672	7.4859
-0.40	1.4856	1.2633	27.4584	21.5378	1.2749	1.1652	7.3262
-0.20	1.6695	1.2173	24.2211	19.2045	1.2612	1.1660	7.1941
0.0	1.8555	1.1786	21.2351	16.9987	1.2492	1.1671	7.0818
0.20	2.0434	1.1463	18.6069	15.0304	1.2380	1.1686	6.9890
0.40	2.2333	1.1199	16.3167	13.2889	1.2278	1.1701	6.9125
0.60	2.4250	1.0988	14.4016	11.8098	1.2195	1.1723	6.8532
0.80	2.6185	1.0824	12.8000	10.5691	1.2111	1.1755	6.8114
1.00	2.8137	1.0706	11.4863	9.5490	1.2029	1.1784	6.7824
1.20	3.0108	1.0635	10.4406	8.7216	1.1971	1.1856	6.7802
1.40	3.2100	1.0615	9.6199	8.0954	1.1883	1.1887	6.7831
1.60	3.4118	1.0659	9.0128	7.6652	1.1758	1.1918	6.8058
1.80	3.6169	1.0785	8.6453	7.4859	1.1549	1.2067	6.8888
2.00	3.8258	1.1008	8.6348	7.7660	1.1119	1.1427	6.7721
2.20	4.0342	1.1222	0.0	10.0533	0.0	0.0	0.0

T= 16800

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-5.00	-2.8635	2.2242	0.0	69.5249	0.0	0.0	0.0
-4.80	-2.6761	2.1607	66.7285	55.9919	1.1918	1.1251	9.4713
-4.60	-2.4862	2.1112	51.2257	43.1654	1.1867	1.1347	9.4023
-4.40	-2.2938	2.0743	38.1892	32.1770	1.1868	1.1488	9.3772
-4.20	-2.0995	2.0475	28.0935	23.4710	1.1969	1.1684	9.3959
-4.00	-1.9035	2.0284	20.7761	17.0917	1.2156	1.1950	9.4575
-3.80	-1.7065	2.0145	15.8198	12.6696	1.2486	1.2323	9.5713
-3.60	-1.5089	2.0037	12.6504	9.8448	1.2850	1.2725	9.6999
-3.40	-1.3109	1.9943	10.9075	8.2369	1.3242	1.3096	9.8172
-3.20	-1.1130	1.9845	10.2587	7.6147	1.3472	1.3329	9.8795
-3.00	-0.9156	1.9728	10.5964	7.8327	1.3528	1.3339	9.8544
-2.80	-0.7190	1.9574	11.8777	8.8621	1.3403	1.3160	9.7498
-2.60	-0.5237	1.9365	14.1643	10.7102	1.3225	1.2852	9.5834
-2.40	-0.3302	1.9078	17.4622	13.3439	1.3086	1.2575	9.4091
-2.20	-0.1389	1.8696	21.6386	16.6501	1.2996	1.2338	9.2262
-2.00	0.0495	1.8206	26.3313	20.2902	1.2977	1.2135	9.0293
-1.80	0.2351	1.7610	30.9608	23.7315	1.3046	1.2003	8.8317
-1.60	0.4179	1.6926	34.6842	26.4707	1.3103	1.1897	8.6202
-1.40	0.5984	1.6186	36.9454	28.0952	1.3150	1.1817	8.4012
-1.20	0.7776	1.5427	37.5283	28.5128	1.3162	1.1761	8.1822
-1.00	0.9562	1.4684	36.4904	27.8230	1.3115	1.1716	7.9680
-0.80	1.1351	1.3988	34.3004	26.3126	1.3036	1.1692	7.7688
-0.60	1.3150	1.3356	31.4167	24.2922	1.2933	1.1675	7.5857
-0.40	1.4964	1.2798	28.1705	22.0365	1.2784	1.1658	7.4201
-0.20	1.6797	1.2315	24.9753	19.7430	1.2650	1.1662	7.2798
0.0	1.8651	1.1905	21.9776	17.5733	1.2506	1.1656	7.1559
0.20	2.0524	1.1563	19.3041	15.5829	1.2388	1.1663	7.0545
0.40	2.2417	1.1282	16.9762	13.8347	1.2271	1.1674	6.9715
0.60	2.4329	1.1056	15.0063	12.3194	1.2181	1.1703	6.9097
0.80	2.6259	1.0880	13.3590	11.0473	1.2093	1.1732	6.8629

T= 16800

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
1.00	2.8207	1.0751	12.0065	9.9871	1.2022	1.1759	6.8300
1.20	3.0175	1.0670	10.9101	9.1490	1.1925	1.1803	6.8169
1.40	3.2163	1.0641	10.0493	8.5041	1.1817	1.1833	6.8164
1.60	3.4177	1.0677	9.4278	8.0686	1.1685	1.1871	6.8388
1.80	3.6224	1.0792	9.0409	7.9047	1.1437	1.1974	6.9064
2.00	3.8306	1.0997	9.0730	8.2336	1.1019	1.1243	6.7543
2.20	4.0358	1.1131	0.0	11.1356	0.0	0.0	0.0

T= 17000

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-5.00	-2.8508	2.2635	0.0	74.8048	0.0	0.0	0.0
-4.80	-2.6646	2.1925	74.2819	61.9222	1.1996	1.1237	9.5915
-4.60	-2.4760	2.1357	58.1793	48.8544	1.1909	1.1307	9.4958
-4.40	-2.2849	2.0922	43.9691	37.0317	1.1873	1.1413	9.4427
-4.20	-2.0916	2.0603	32.5694	27.3080	1.1927	1.1583	9.4398
-4.00	-1.8965	2.0373	23.9800	19.8864	1.2059	1.1809	9.4781
-3.80	-1.7000	2.0208	17.9880	14.6044	1.2317	1.2128	9.5664
-3.60	-1.5027	2.0083	14.0653	11.0854	1.2688	1.2531	9.6939
-3.40	-1.3050	1.9980	11.6957	8.9417	1.3080	1.2919	9.8175
-3.20	-1.1071	1.9880	10.5602	7.8988	1.3369	1.3202	9.8997
-3.00	-0.9096	1.9768	10.4881	7.7622	1.3512	1.3318	9.9148
-2.80	-0.7127	1.9625	11.3763	8.4504	1.3463	1.3221	9.8432
-2.60	-0.5170	1.9434	13.2312	9.9496	1.3298	1.2959	9.6972
-2.40	-0.3229	1.9172	16.1230	12.2601	1.3151	1.2696	9.5335
-2.20	-0.1309	1.8820	19.9045	15.2852	1.3022	1.2413	9.3399
-2.00	0.0584	1.8364	24.3949	18.7557	1.3007	1.2221	9.1545
-1.80	0.2449	1.7800	28.9693	22.2294	1.3032	1.2055	8.9513
-1.60	0.4285	1.7142	32.9593	25.1667	1.3096	1.1941	8.7425
-1.40	0.6097	1.6416	35.7269	27.1281	1.3170	1.1862	8.5271
-1.20	0.7892	1.5660	36.8065	27.9282	1.3179	1.1794	8.3046
-1.00	0.9679	1.4911	36.2911	27.6043	1.3147	1.1742	8.0856
-0.80	1.1467	1.4199	34.5058	26.3901	1.3075	1.1706	7.8781
-0.60	1.3263	1.3547	31.8622	24.5794	1.2963	1.1680	7.6866
-0.40	1.5072	1.2966	28.8145	22.4479	1.2836	1.1666	7.5152
-0.20	1.6900	1.2460	25.6789	20.2328	1.2692	1.1657	7.3645
0.0	1.8747	1.2029	22.6855	18.0963	1.2536	1.1639	7.2304
0.20	2.0614	1.1667	19.9870	16.1141	1.2403	1.1640	7.1210
0.40	2.2501	1.1368	17.6245	14.3505	1.2281	1.1652	7.0330
0.60	2.4408	1.1127	15.6058	12.8212	1.2172	1.1662	6.9609
0.80	2.6334	1.0937	13.9128	11.5181	1.2079	1.1687	6.9087
1.00	2.8277	1.0797	12.5135	10.4392	1.1987	1.1710	6.8711
1.20	3.0241	1.0706	11.3887	9.5732	1.1896	1.1736	6.8495
1.40	3.2225	1.0668	10.5067	8.9160	1.1784	1.1765	6.8461
1.60	3.4236	1.0694	9.8551	8.4789	1.1623	1.1787	6.8607
1.80	3.6278	1.0798	9.4537	9.3222	1.1360	1.2076	6.9787
2.00	3.8352	1.0984	9.5180	8.7209	1.0914	0.0	0.0
2.20	4.0363	1.1012	0.0	12.4584	0.0	0.0	0.0

T= 17200

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-5.00	-2.8377	2.3056	0.0	79.2492	0.0	0.0	0.0
-4.80	-2.6526	2.2276	81.2483	67.3838	1.2058	1.1225	9.7196
-4.60	-2.4654	2.1633	65.2028	54.4575	1.1973	1.1281	9.6020

T= 17200

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-4.40	-2.2756	2.1130	50.1777	42.1227	1.1912	1.1369	9.5268
-4.20	-2.0834	2.0753	37.5093	31.5124	1.1903	1.1507	9.4985
-4.00	-1.8892	2.0479	27.6904	23.0579	1.2009	1.1706	9.5169
-3.80	-1.6934	2.0282	20.5685	16.8530	1.2205	1.1977	9.5798
-3.60	-1.4965	2.0136	15.7491	12.5870	1.2512	1.2342	9.6899
-3.40	-1.2990	2.0021	12.7096	9.8649	1.2884	1.2738	9.8156
-3.20	-1.1013	1.9916	11.0924	8.3617	1.3266	1.3086	9.9228
-3.00	-0.9037	1.9806	10.5577	7.8416	1.3464	1.3294	9.9739
-2.80	-0.7066	1.9672	11.0356	8.1804	1.3490	1.3241	9.9199
-2.60	-0.5106	1.9495	12.4995	9.3582	1.3357	1.3062	9.8084
-2.40	-0.3159	1.9255	14.9661	11.3404	1.3197	1.2798	9.6488
-2.20	-0.1233	1.8932	18.3790	14.0625	1.3069	1.2512	9.4601
-2.00	0.0669	1.8508	22.5995	17.3323	1.3039	1.2306	9.2762
-1.80	0.2542	1.7976	27.0710	20.7638	1.3038	1.2116	9.0711
-1.60	0.4387	1.7345	31.2473	23.8407	1.3107	1.1999	8.8674
-1.40	0.6206	1.6637	34.3284	26.1012	1.3152	1.1900	8.6484
-1.20	0.8006	1.5888	35.9584	27.2431	1.3199	1.1829	8.4263
-1.00	0.9795	1.5134	35.9613	27.2762	1.3184	1.1777	8.2060
-0.80	1.1582	1.4410	34.5749	26.3580	1.3117	1.1725	7.9895
-0.60	1.3375	1.3739	32.1968	24.7738	1.2996	1.1681	7.7865
-0.40	1.5180	1.3136	29.3672	22.8073	1.2876	1.1669	7.6101
-0.20	1.7002	1.2608	26.3114	20.6914	1.2716	1.1645	7.4478
0.0	1.8843	1.2155	23.3584	18.5840	1.2569	1.1627	7.3073
0.20	2.0704	1.1774	20.6677	16.6215	1.2434	1.1631	7.1927
0.40	2.2586	1.1457	18.2830	14.8533	1.2309	1.1637	7.0972
0.60	2.4487	1.1200	16.2014	13.3063	1.2176	1.1641	7.0184
0.80	2.6408	1.0997	14.4723	11.9840	1.2076	1.1647	6.9563
1.00	2.8347	1.0845	13.0342	10.8943	1.1964	1.1673	6.9156
1.20	3.0307	1.0743	11.8728	10.0061	1.1866	1.1683	6.8862
1.40	3.2288	1.0696	10.9632	9.3368	1.1742	1.1708	6.8784
1.60	3.4294	1.0713	10.2877	8.8876	1.1575	1.1707	6.8834
1.80	3.6332	1.0805	9.8584	8.7463	1.1272	1.2494	7.1438
2.00	3.8396	1.0968	9.9671	9.2194	1.0811	1.0344	6.5463
2.20	4.0351	1.0854	0.0	14.2058	0.0	0.0	0.0

T= 17400

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-5.00	-2.8244	2.3497	0.0	82.5892	0.0	0.0	0.0
-4.80	-2.6403	2.2654	87.6929	72.1836	1.2149	1.1213	9.8531
-4.60	-2.4542	2.1940	71.9439	59.8771	1.2015	1.1263	9.7182
-4.40	-2.2657	2.1367	56.5717	47.3237	1.1954	1.1343	9.6246
-4.20	-2.0747	2.0928	42.9264	35.9473	1.1941	1.1457	9.5728
-4.00	-1.8815	2.0604	31.8394	26.6182	1.1961	1.1625	9.5679
-3.80	-1.6865	2.0369	23.5863	19.4606	1.2120	1.1883	9.6181
-3.60	-1.4901	2.0198	17.7478	14.3699	1.2351	1.2204	9.7063
-3.40	-1.2930	2.0067	13.9839	11.0024	1.2710	1.2601	9.8307
-3.20	-1.0954	1.9955	11.7535	8.9897	1.3074	1.2972	9.9463
-3.00	-0.8978	1.9843	10.7998	8.0670	1.3387	1.3250	10.0243
-2.80	-0.7007	1.9715	10.8752	8.0636	1.3487	1.3272	10.0002
-2.60	-0.5043	1.9550	11.9437	8.8891	1.3436	1.3156	9.9147
-2.40	-0.3092	1.9330	13.9936	10.5484	1.3266	1.2860	9.7471
-2.20	-0.1160	1.9032	17.0887	12.9698	1.3176	1.2614	9.5788
-2.00	0.0750	1.8638	20.8934	16.0216	1.3041	1.2352	9.3802
-1.80	0.2631	1.8138	25.3250	19.3568	1.3083	1.2196	9.1949

T= 17400

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-1.60	0.4485	1.7535	29.4856	22.5189	1.3094	1.2042	8.9837
-1.40	0.6311	1.6848	32.8962	24.9959	1.3161	1.1934	8.7663
-1.20	0.8116	1.6109	34.9174	26.4837	1.3184	1.1852	8.5422
-1.00	0.9908	1.5354	35.3855	26.8524	1.3178	1.1783	8.3154
-0.80	1.1695	1.4619	34.4002	26.2514	1.3104	1.1726	8.0944
-0.60	1.3485	1.3932	32.4405	24.9082	1.3024	1.1687	7.8887
-0.40	1.5287	1.3309	29.7831	23.0995	1.2893	1.1666	7.7032
-0.20	1.7104	1.2759	26.9175	21.0898	1.2763	1.1648	7.5367
0.0	1.8939	1.2285	23.9956	19.0440	1.2600	1.1621	7.3868
0.20	2.0795	1.1883	21.2939	17.1211	1.2437	1.1621	7.2651
0.40	2.2671	1.1549	18.8596	15.3467	1.2289	1.1611	7.1589
0.60	2.4567	1.1276	16.7939	13.7844	1.2183	1.1626	7.0785
0.80	2.6483	1.1059	15.0090	12.4566	1.2049	1.1522	7.0088
1.00	2.8418	1.0895	13.5546	11.3227	1.1971	1.1644	6.9629
1.20	3.0373	1.0782	12.3475	10.4313	1.1837	1.1647	6.9279
1.40	3.2350	1.0725	11.4031	9.7497	1.1696	1.1652	6.9110
1.60	3.4352	1.0732	10.7151	9.3024	1.1519	1.1652	6.9133
1.80	3.6384	1.0811	10.2599	9.1807	1.1176	1.3132	7.3736
2.00	3.8439	1.0949	10.3780	9.7357	1.0660	0.0	0.0
2.20	4.0311	1.0629	0.0	0.0	0.0	0.0	0.0

T= 17500

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-5.00	-2.8178	2.3724	0.0	83.8185	0.0	0.0	0.0
-4.80	-2.6340	2.2853	90.3153	74.3305	1.2151	1.1216	9.9264
-4.60	-2.4485	2.2105	75.2900	62.4146	1.2063	1.1261	9.7818
-4.40	-2.2606	2.1496	59.7726	49.9201	1.1974	1.1318	9.6707
-4.20	-2.0702	2.1025	45.7079	38.2935	1.1936	1.1423	9.6081
-4.00	-1.8776	2.0673	34.0916	28.4922	1.1965	1.1574	9.5904
-3.80	-1.6829	2.0418	25.2025	20.8444	1.2091	1.1808	9.6270
-3.60	-1.4869	2.0233	18.9165	15.3688	1.2308	1.2089	9.6964
-3.40	-1.2899	2.0092	14.7373	11.6537	1.2646	1.2468	9.8128
-3.20	-1.0925	1.9975	12.1678	9.3776	1.2975	1.2872	9.9414
-3.00	-0.8949	1.9862	10.9889	8.2396	1.3337	1.3156	10.0221
-2.80	-0.6977	1.9736	10.8864	8.0605	1.3506	1.3284	10.0387
-2.60	-0.5012	1.9576	11.7289	8.7224	1.3447	1.3177	9.9578
-2.40	-0.3060	1.9364	13.5933	10.2105	1.3313	1.2908	9.8020
-2.20	-0.1124	1.9078	16.4471	12.4845	1.3174	1.2667	9.6381
-2.00	0.0788	1.8699	20.1712	15.4119	1.3088	1.2425	9.4501
-1.80	0.2675	1.8214	24.4456	18.6853	1.3083	1.2254	9.2627
-1.60	0.4532	1.7626	28.6244	21.8426	1.3105	1.2064	9.0408
-1.40	0.6362	1.6950	32.1512	24.4256	1.3163	1.1961	8.8277
-1.20	0.8170	1.6216	34.4008	26.0596	1.3201	1.1880	8.6055
-1.00	0.9963	1.5462	35.0918	26.6014	1.3192	1.1803	8.3757
-0.80	1.1750	1.4723	34.3838	26.1530	1.3147	1.1749	8.1545
-0.60	1.3540	1.4028	32.5575	24.9311	1.3059	1.1718	7.9490
-0.40	1.5340	1.3396	29.9838	23.2150	1.2916	1.1667	7.7510
-0.20	1.7155	1.2836	27.1360	21.2594	1.2764	1.1628	7.5745
0.0	1.8987	1.2351	24.2877	19.2675	1.2606	1.1615	7.4261
0.20	2.0840	1.1939	21.5837	17.3379	1.2449	1.1594	7.2946
0.40	2.2713	1.1596	19.1779	15.5736	1.2314	1.1600	7.1907
0.60	2.4607	1.1315	17.0823	14.0086	1.2194	1.1602	7.1035
0.80	2.6520	1.1091	15.2743	12.6752	1.2051	1.1580	7.0260
1.00	2.8453	1.0920	13.7956	11.5507	1.1944	1.1595	6.9765

T= 17500

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
1.20	3.0406	1.0802	12.5736	10.6387	1.1819	1.1579	6.9339
1.40	3.2381	1.0740	11.6219	9.9554	1.1674	1.1587	6.9165
1.60	3.4381	1.0741	10.9382	9.5050	1.1508	1.1614	6.9249
1.80	3.6410	1.0814	10.3271	9.3815	1.1008	0.5539	4.7502
2.00	3.8460	1.0939	10.4750	9.9827	1.0493	0.0	0.0
2.20	4.0271	1.0473	0.0	0.0	0.0	0.0	0.0

T= 17600

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-5.00	-2.8111	2.3954	0.0	84.7452	0.0	0.0	0.0
-4.80	-2.6277	2.3058	92.8027	76.2143	1.2177	1.1219	10.0002
-4.60	-2.4426	2.2277	78.4944	64.8536	1.2103	1.1260	9.8472
-4.40	-2.2554	2.1633	62.9906	52.4562	1.2008	1.1312	9.7262
-4.20	-2.0656	2.1128	48.5269	40.6415	1.1940	1.1396	9.6478
-4.00	-1.8735	2.0749	36.4141	30.4527	1.1958	1.1543	9.6221
-3.80	-1.6793	2.0471	26.9578	22.3619	1.2055	1.1729	9.6345
-3.60	-1.4836	2.0270	20.1493	16.4233	1.2269	1.1999	9.6969
-3.40	-1.2869	2.0119	15.5400	12.3692	1.2564	1.2332	9.7936
-3.20	-1.0895	1.9996	12.6911	9.8151	1.2930	1.2750	9.9278
-3.00	-0.8920	1.9881	11.2081	8.4607	1.3247	1.3045	10.0131
-2.80	-0.6948	1.9756	10.8946	8.0842	1.3476	1.3232	10.0529
-2.60	-0.4982	1.9601	11.5650	8.5912	1.3461	1.3174	9.9913
-2.40	-0.3028	1.9397	13.2298	9.9133	1.3346	1.3010	9.8769
-2.20	-0.1090	1.9122	15.8508	12.0417	1.3163	1.2735	9.7026
-2.00	0.0827	1.8756	19.4554	14.8319	1.3117	1.2489	9.5163
-1.80	0.2717	1.8287	23.5696	18.0196	1.3080	1.2271	9.3140
-1.60	0.4578	1.7713	27.7894	21.1848	1.3118	1.2120	9.1100
-1.40	0.6412	1.7049	31.3970	23.8547	1.3162	1.1989	8.8893
-1.20	0.8223	1.6322	33.8118	25.6214	1.3197	1.1893	8.6627
-1.00	1.0018	1.5569	34.7796	26.3304	1.3209	1.1821	8.4348
-0.80	1.1806	1.4827	34.3016	26.0260	1.3180	1.1764	8.2115
-0.60	1.3595	1.4125	32.6110	24.9269	1.3083	1.1722	8.0003
-0.40	1.5393	1.3483	30.1772	23.3225	1.2939	1.1671	7.7995
-0.20	1.7205	1.2913	27.3620	21.4248	1.2771	1.1628	7.6187
0.0	1.9035	1.2418	24.5749	19.4724	1.2620	1.1616	7.4674
0.20	2.0885	1.1996	21.8984	17.5485	1.2479	1.1601	7.3348
0.40	2.2756	1.1643	19.5064	15.8010	1.2345	1.1590	7.2229
0.60	2.4647	1.1354	17.3616	14.2392	1.2193	1.1566	7.1251
0.80	2.6557	1.1123	15.5579	12.8929	1.2067	1.1569	7.0532
1.00	2.8488	1.0946	14.0390	11.7810	1.1917	1.1564	6.9954
1.20	3.0438	1.0823	12.8101	10.8565	1.1799	1.1555	6.9529
1.40	3.2411	1.0755	11.8542	10.1603	1.1667	1.1557	6.9319
1.60	3.4410	1.0751	11.1609	9.7145	1.1489	1.1548	6.9279
1.80	3.6436	1.0817	10.8019	9.5940	1.1259	1.1634	6.9191
2.00	3.8480	1.0927	11.2294	10.2351	1.0971	0.0	0.0
2.20	4.0206	1.0259	0.0	0.0	0.0	0.0	0.0

T= 17800

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-5.00	-2.7979	2.4419	0.0	85.6413	0.0	0.0	0.0
-4.80	-2.6149	2.3480	0.0	79.2592	0.0	1.1227	10.1520
-4.60	-2.4307	2.2639	84.1186	69.2500	1.2147	1.1241	9.9749
-4.40	-2.2446	2.1927	69.2366	57.4180	1.2058	1.1293	9.8393

81

T= 17800

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-4.20	-2.0561	2.1355	54.4100	45.3994	1.1985	1.1369	9.7430
-4.00	-1.8651	2.0916	41.3098	34.5587	1.1954	1.1487	9.6921
-3.80	-1.6719	2.0591	30.7617	25.6093	1.2012	1.1657	9.6874
-3.60	-1.4769	2.0354	22.8667	18.8149	1.2154	1.1894	9.7290
-3.40	-1.2807	2.0179	17.3839	13.9926	1.2424	1.2223	9.8201
-3.20	-1.0836	2.0042	13.8342	10.8353	1.2768	1.2580	9.9285
-3.00	-0.8863	1.9921	11.8106	9.0032	1.3118	1.2944	10.0406
-2.80	-0.6890	1.9796	11.0080	8.2466	1.3348	1.3182	10.1008
-2.60	-0.4923	1.9648	11.3193	8.4008	1.3474	1.3222	10.0783
-2.40	-0.2965	1.9458	12.6157	9.4115	1.3405	1.3072	9.9723
-2.20	-0.1022	1.9203	14.9103	11.2264	1.3281	1.2827	9.8134
-2.00	0.0900	1.8864	18.0597	13.7551	1.3129	1.2552	9.6214
-1.80	0.2798	1.8424	21.9809	16.7769	1.3102	1.2335	9.4263
-1.60	0.4668	1.7879	26.1166	19.9172	1.3113	1.2163	9.2207
-1.40	0.6509	1.7238	29.8632	22.7020	1.3154	1.2028	9.0038
-1.20	0.8326	1.6527	32.6100	24.7114	1.3196	1.1927	8.7790
-1.00	1.0125	1.5779	33.9636	25.7153	1.3208	1.1840	8.5466
-0.80	1.1914	1.5032	33.8696	25.7220	1.3168	1.1777	8.3197
-0.60	1.3703	1.4318	32.5773	24.8918	1.3088	1.1722	8.1004
-0.40	1.5498	1.3658	30.4446	23.4705	1.2971	1.1679	7.8974
-0.20	1.7306	1.3068	27.8756	21.7238	1.2832	1.1650	7.7153
0.0	1.9131	1.2552	25.1329	19.8384	1.2669	1.1617	7.5507
0.20	2.0976	1.2111	22.4791	17.9834	1.2500	1.1592	7.4088
0.40	2.2841	1.1740	20.0459	16.2526	1.2334	1.1571	7.2879
0.60	2.4726	1.1434	17.9081	14.6968	1.2185	1.1551	7.1862
0.80	2.6632	1.1189	16.0847	13.3406	1.2057	1.1551	7.1086
1.00	2.8558	1.0999	14.5498	12.2070	1.1919	1.1537	7.0438
1.20	3.0504	1.0864	13.3018	11.2857	1.1786	1.1537	7.0005
1.40	3.2473	1.0786	12.3134	10.5817	1.1637	1.1523	6.9711
1.60	3.4467	1.0771	11.5791	10.1343	1.1426	1.1491	6.9563
1.80	3.6487	1.0822	11.5751	10.0440	1.1524	1.1338	6.9271
2.00	3.8519	1.0902	0.0	10.7546	0.0	0.0	0.0

T= 18000

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-5.00	-2.7848	2.4884	0.0	85.2837	0.0	0.0	0.0
-4.80	-2.6020	2.3916	0.0	81.2561	0.0	1.1231	10.3051
-4.60	-2.4186	2.3024	89.0911	72.9417	1.2214	1.1247	10.1184
-4.40	-2.2335	2.2247	75.1122	61.9559	1.2123	1.1280	9.9606
-4.20	-2.0461	2.1607	60.2842	50.1002	1.2033	1.1342	9.8435
-4.00	-1.8563	2.1106	46.5219	38.8248	1.1983	1.1443	9.7721
-3.80	-1.6641	2.0729	34.9304	29.1205	1.1995	1.1587	9.7450
-3.60	-1.4700	2.0452	25.9707	21.4582	1.2103	1.1789	9.7639
-3.40	-1.2743	2.0249	19.5339	15.8660	1.2312	1.2081	9.8346
-3.20	-1.0777	2.0094	15.2128	12.0640	1.2610	1.2425	9.9353
-3.00	-0.8805	1.9963	12.6177	9.7186	1.2983	1.2813	10.0564
-2.80	-0.6833	1.9836	11.3673	8.5548	1.3288	1.3092	10.1329
-2.60	-0.4864	1.9693	11.2342	8.3613	1.3436	1.3212	10.1424
-2.40	-0.2904	1.9513	12.1387	9.0413	1.3426	1.3113	10.0581
-2.20	-0.0957	1.9276	14.0502	10.5457	1.3323	1.2902	9.9161
-2.00	0.0971	1.8961	16.8961	12.7994	1.3201	1.2653	9.7393
-1.80	0.2876	1.8549	20.5410	15.6157	1.3154	1.2430	9.5476
-1.60	0.4753	1.8033	24.5091	18.6782	1.3122	1.2219	9.3336
-1.40	0.6602	1.7417	28.3543	21.5332	1.3168	1.2083	9.1216

T= 18000

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-1.20	0.8426	1.6723	31.3583	23.7437	1.3207	1.1969	8.8959
-1.00	1.0229	1.5983	33.1134	25.0287	1.3230	1.1883	8.6655
-0.80	1.2021	1.5234	33.4585	25.3252	1.3212	1.1811	8.4342
-0.60	1.3809	1.4509	32.5005	24.7563	1.3128	1.1746	8.2085
-0.40	1.5602	1.3834	30.6309	23.5445	1.3010	1.1690	7.9962
-0.20	1.7407	1.3225	28.2145	21.9442	1.2857	1.1647	7.8038
0.0	1.9227	1.2689	25.5884	20.1607	1.2692	1.1614	7.6333
0.20	2.1066	1.2229	23.0104	18.3676	1.2528	1.1585	7.4841
0.40	2.2926	1.1839	20.5935	16.6620	1.2360	1.1554	7.3542
0.60	2.4806	1.1517	18.4555	15.1206	1.2206	1.1540	7.2491
0.80	2.6707	1.1257	16.6038	13.7711	1.2057	1.1524	7.1616
1.00	2.8628	1.1054	15.0388	12.6191	1.1917	1.1500	7.0894
1.20	3.0570	1.0907	13.7583	11.6966	1.1763	1.1484	7.0374
1.40	3.2534	1.0818	12.7439	10.9895	1.1596	1.1466	7.0029
1.60	3.4523	1.0791	12.0129	10.5383	1.1399	1.1432	6.9841
1.80	3.6538	1.0827	11.4917	10.4612	1.0985	1.1159	6.9112
2.00	3.8556	1.0873	0.0	11.2443	0.0	0.0	0.0

T= 18200

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-5.00	-2.7721	2.5342	0.0	83.7345	0.0	0.0	0.0
-4.80	-2.5893	2.4360	100.9582	82.1550	1.2289	1.1232	10.4585
-4.60	-2.4062	2.3426	92.8640	75.7852	1.2254	1.1248	10.2635
-4.40	-2.2220	2.2591	80.4846	66.0470	1.2186	1.1279	10.0927
-4.20	-2.0358	2.1886	66.0114	54.6227	1.2085	1.1320	9.9520
-4.00	-1.8471	2.1321	51.8092	43.1466	1.2008	1.1400	9.8571
-3.80	-1.6560	2.0887	39.3713	32.8377	1.1990	1.1521	9.8081
-3.60	-1.4628	2.0566	29.4222	24.3897	1.2063	1.1704	9.8095
-3.40	-1.2678	2.0329	21.9843	17.9939	1.2218	1.1954	9.8567
-3.20	-1.0716	2.0152	16.8764	13.5119	1.2490	1.2288	9.9496
-3.00	-0.8747	2.0008	13.6153	10.6172	1.2824	1.2642	10.0559
-2.80	-0.6776	1.9876	11.8687	8.9971	1.3192	1.2990	10.1594
-2.60	-0.4807	1.9735	11.2885	8.4386	1.3377	1.3164	10.1912
-2.40	-0.2845	1.9565	11.8190	8.8013	1.3429	1.3165	10.1473
-2.20	-0.0894	1.9343	13.3428	9.9947	1.3350	1.2977	10.0175
-2.00	0.1039	1.9049	15.8646	11.9636	1.3261	1.2743	9.8511
-1.80	0.2951	1.8664	19.1962	14.5649	1.3180	1.2496	9.6557
-1.60	0.4835	1.8175	23.0468	17.5085	1.3163	1.2301	9.4540
-1.40	0.6692	1.7585	26.8638	20.3803	1.3181	1.2143	9.2391
-1.20	0.8522	1.6910	30.0629	22.7435	1.3218	1.2010	9.0104
-1.00	1.0331	1.6180	32.1544	24.2881	1.3239	1.1916	8.7792
-0.80	1.2125	1.5432	32.8265	24.8600	1.3205	1.1823	8.5404
-0.60	1.3914	1.4699	32.2701	24.5577	1.3141	1.1759	8.3124
-0.40	1.5705	1.4010	30.6811	23.5614	1.3022	1.1700	8.0948
-0.20	1.7506	1.3383	28.4857	22.1084	1.2885	1.1649	7.8945
0.0	1.9322	1.2828	26.0147	20.4376	1.2729	1.1610	7.7161
0.20	2.1157	1.2348	23.5081	18.7208	1.2557	1.1583	7.5615
0.40	2.3011	1.1941	21.1182	17.0513	1.2385	1.1544	7.4234
0.60	2.4886	1.1602	18.9794	15.5261	1.2224	1.1518	7.3090
0.80	2.6782	1.1326	17.0929	14.1811	1.2053	1.1485	7.2112
1.00	2.8698	1.1110	15.5177	13.0269	1.1912	1.1468	7.1370
1.20	3.0635	1.0951	14.2227	12.0957	1.1758	1.1446	7.0789
1.40	3.2595	1.0851	13.1833	11.3889	1.1576	1.1415	7.0368
1.60	3.4580	1.0811	12.4242	10.9355	1.1361	1.1377	7.0124

T= 18200

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
1.80	3.6587	1.0831	12.0287	10.8781	1.1058	1.1050	6.9167
2.00	3.8591	1.0840	0.0	11.7426	0.0	0.0	0.0

T= 18400

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-5.00	-2.7598	2.5788	0.0	81.1152	0.0	0.0	0.0
-4.80	-2.5767	2.4805	101.0936	81.9598	1.2335	1.1262	10.6253
-4.60	-2.3939	2.3841	95.6677	77.7312	1.2308	1.1249	10.4112
-4.40	-2.2103	2.2956	84.9760	69.4903	1.2228	1.1270	10.2253
-4.20	-2.0251	2.2189	71.5246	58.8533	1.2153	1.1316	10.0735
-4.00	-1.8376	2.1559	57.2709	47.4340	1.2074	1.1381	9.9583
-3.80	-1.6476	2.1067	44.1148	36.7168	1.2015	1.1481	9.8868
-3.60	-1.4553	2.0696	33.1888	27.5457	1.2049	1.1648	9.8707
-3.40	-1.2611	2.0422	24.7803	20.3871	1.2155	1.1872	9.8990
-3.20	-1.0654	2.0218	18.7693	15.1675	1.2375	1.2161	9.9687
-3.00	-0.8689	2.0059	14.8483	11.6741	1.2719	1.2528	10.0777
-2.80	-0.6719	1.9919	12.4984	9.5939	1.3027	1.2870	10.1786
-2.60	-0.4750	1.9777	11.5591	8.6621	1.3344	1.3121	10.2409
-2.40	-0.2786	1.9613	11.6379	8.6752	1.3415	1.3169	10.2171
-2.20	-0.0833	1.9404	12.8318	9.5733	1.3404	1.3033	10.1098
-2.00	0.1105	1.9129	14.9574	11.2613	1.3282	1.2818	9.9547
-1.80	0.3022	1.8768	17.9710	13.6164	1.3198	1.2558	9.7598
-1.60	0.4914	1.8307	21.5978	16.4114	1.3160	1.2359	9.5626
-1.40	0.6778	1.7742	25.3979	19.2518	1.3193	1.2191	9.3497
-1.20	0.8615	1.7088	28.7085	21.7424	1.3204	1.2049	9.1224
-1.00	1.0429	1.6371	31.0973	23.4875	1.3240	1.1940	8.8880
-0.80	1.2226	1.5625	32.1861	24.3220	1.3233	1.1847	8.6496
-0.60	1.4016	1.4886	32.0036	24.2608	1.3192	1.1778	8.4181
-0.40	1.5806	1.4185	30.7359	23.4871	1.3086	1.1719	8.1969
-0.20	1.7605	1.3542	28.7266	22.2163	1.2930	1.1666	7.9904
0.0	1.9417	1.2968	26.3635	20.6608	1.2760	1.1615	7.8025
0.20	2.1247	1.2469	23.8910	19.0143	1.2565	1.1559	7.6323
0.40	2.3096	1.2044	21.5693	17.3916	1.2402	1.1528	7.4908
0.60	2.4966	1.1688	19.4155	15.9087	1.2204	1.1494	7.3685
0.80	2.6856	1.1398	17.5695	14.5637	1.2064	1.1473	7.2697
1.00	2.8768	1.1168	15.9730	13.4355	1.1889	1.1444	7.1870
1.20	3.0701	1.0997	14.6371	12.4941	1.1715	1.1417	7.1235
1.40	3.2656	1.0884	13.6087	11.7738	1.1559	1.1396	7.0802
1.60	3.4635	1.0832	12.8368	11.3361	1.1324	1.1311	7.0373
1.80	3.6636	1.0834	12.3988	11.2620	1.1009	1.1012	6.9439
2.00	3.8623	1.0802	0.0	12.2177	0.0	0.0	0.0

T= 18500

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-5.00	-2.7538	2.6005	0.0	79.4510	0.0	0.0	0.0
-4.80	-2.5704	2.5025	100.4626	81.4507	1.2334	1.1274	10.7073
-4.60	-2.3877	2.4052	96.5725	78.3515	1.2326	1.1273	10.4967
-4.40	-2.2044	2.3145	87.0820	70.9306	1.2277	1.1285	10.3021
-4.20	-2.0196	2.2348	74.1202	60.8261	1.2186	1.1326	10.1419
-4.00	-1.8326	2.1687	59.9499	49.5849	1.2090	1.1380	10.0143
-3.80	-1.6432	2.1164	46.5511	38.6672	1.2039	1.1459	9.9273
-3.60	-1.4514	2.0768	35.1221	29.2010	1.2028	1.1605	9.8964
-3.40	-1.2576	2.0473	26.2809	21.6750	1.2125	1.1819	9.9161

T= 18500

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-3.20	-1.0623	2.0255	19.8554	16.0974	1.2335	1.2073	9.9686
-3.00	-0.8659	2.0086	15.5261	12.2931	1.2630	1.2419	10.0680
-2.80	-0.6691	1.9941	12.9228	9.9617	1.2972	1.2787	10.1792
-2.60	-0.4722	1.9798	11.6955	8.8142	1.3269	1.3044	10.2442
-2.40	-0.2758	1.9636	11.6299	8.6687	1.3416	1.3148	10.2427
-2.20	-0.0803	1.9433	12.6413	9.3928	1.3459	1.3094	10.1687
-2.00	0.1137	1.9167	14.5936	10.9429	1.3336	1.2882	10.0166
-1.80	0.3057	1.8817	17.4332	13.1735	1.3234	1.2623	9.8246
-1.60	0.4952	1.8368	20.9629	15.8888	1.3194	1.2424	9.6298
-1.40	0.6820	1.7817	24.7189	18.7168	1.3207	1.2237	9.4126
-1.20	0.8660	1.7174	28.1051	21.2352	1.3235	1.2097	9.1881
-1.00	1.0477	1.6463	30.5490	23.0642	1.3245	1.1960	8.9449
-0.80	1.2276	1.5720	31.8042	24.0303	1.3235	1.1874	8.7091
-0.60	1.4067	1.4979	31.8031	24.0964	1.3198	1.1804	8.4766
-0.40	1.5857	1.4272	30.6594	23.4305	1.3085	1.1724	8.2458
-0.20	1.7654	1.3621	28.8004	22.2474	1.2945	1.1673	8.0381
0.0	1.9464	1.3039	26.5209	20.7695	1.2769	1.1609	7.8429
0.20	2.1291	1.2531	24.1091	19.1472	1.2591	1.1549	7.6685
0.40	2.3138	1.2096	21.7734	17.5629	1.2397	1.1505	7.5201
0.60	2.5005	1.1732	19.6581	16.0776	1.2227	1.1470	7.3948
0.80	2.6894	1.1434	17.8116	14.7544	1.2072	1.1463	7.2978
1.00	2.8803	1.1197	16.2081	13.6257	1.1895	1.1425	7.2102
1.20	3.0733	1.1020	14.8634	12.6758	1.1726	1.1381	7.1389
1.40	3.2687	1.0901	13.8174	11.9552	1.1558	1.1357	7.0931
1.60	3.4663	1.0843	13.0474	11.5277	1.1318	1.1310	7.0594
1.80	3.6660	1.0835	12.5968	11.4716	1.0981	1.0898	6.9269
2.00	3.8639	1.0782	0.0	12.4317	0.0	0.0	0.0

T= 18600

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-5.00	-2.7479	2.6216	0.0	77.5709	0.0	0.0	0.0
-4.80	-2.5643	2.5244	99.3673	80.7128	1.2311	1.1266	10.7795
-4.60	-2.3815	2.4264	97.0410	78.7262	1.2326	1.1275	10.5723
-4.40	-2.1984	2.3337	88.8816	72.2352	1.2304	1.1286	10.3731
-4.20	-2.0140	2.2513	76.4841	62.6624	1.2206	1.1311	10.1999
-4.00	-1.8276	2.1821	62.4645	51.6427	1.2096	1.1354	10.0607
-3.80	-1.6388	2.1268	48.9384	40.6650	1.2035	1.1440	9.9699
-3.60	-1.4475	2.0844	37.1950	30.9300	1.2026	1.1563	9.9231
-3.40	-1.2541	2.0528	27.8726	22.9883	1.2125	1.1749	9.9266
-3.20	-1.0591	2.0294	21.0123	17.0703	1.2309	1.2005	9.9769
-3.00	-0.8630	2.0115	16.2669	12.9611	1.2551	1.2308	10.0573
-2.80	-0.6662	1.9964	13.3991	10.3637	1.2929	1.2695	10.1757
-2.60	-0.4694	1.9819	11.8762	9.0004	1.3195	1.2984	10.2536
-2.40	-0.2729	1.9659	11.6687	8.6891	1.3429	1.3144	10.2745
-2.20	-0.0773	1.9461	12.4454	9.2509	1.3453	1.3097	10.2044
-2.00	0.1169	1.9203	14.2448	10.6507	1.3374	1.2908	10.0631
-1.80	0.3091	1.8864	16.9292	12.7654	1.3262	1.2689	9.8889
-1.60	0.4990	1.8428	20.3682	15.3771	1.3246	1.2479	9.6930
-1.40	0.6861	1.7889	24.0230	18.1847	1.3211	1.2278	9.4728
-1.20	0.8705	1.7257	27.4446	20.7284	1.3240	1.2119	9.2436
-1.00	1.0524	1.6553	29.9928	22.6465	1.3244	1.1986	9.0034
-0.80	1.2325	1.5813	31.4144	23.7284	1.3239	1.1900	8.7681
-0.60	1.4117	1.5071	31.5340	23.9303	1.3177	1.1800	8.5238
-0.40	1.5906	1.4359	30.5520	23.3637	1.3077	1.1728	8.2948

T= 18600

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-0.20	1.7703	1.3701	28.8401	22.2684	1.2951	1.1661	8.0791
0.0	1.9511	1.3110	26.6562	20.8564	1.2781	1.1605	7.8841
0.20	2.1336	1.2592	24.3189	19.2823	1.2612	1.1563	7.7128
0.40	2.3180	1.2149	22.0152	17.7286	1.2418	1.1521	7.5619
0.60	2.5045	1.1776	19.9282	16.2466	1.2266	1.1482	7.4327
0.80	2.6931	1.1470	18.0285	14.9453	1.2063	1.1422	7.3163
1.00	2.8838	1.1227	16.4314	13.8042	1.1903	1.1400	7.2312
1.20	3.0766	1.1043	15.1056	12.8614	1.1745	1.1363	7.1601
1.40	3.2717	1.0919	14.0212	12.1532	1.1537	1.1301	7.1002
1.60	3.4691	1.0853	13.2444	11.7072	1.1313	1.1261	7.0669
1.80	3.6684	1.0837	12.7902	11.6796	1.0951	1.0745	6.8971
2.00	3.8653	1.0760	0.0	12.6531	0.0	0.0	0.0

T= 18800

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-5.00	-2.7366	2.6620	0.0	73.3374	0.0	0.0	0.0
-4.80	-2.5524	2.5673	96.6699	78.4920	1.2316	1.1292	10.9412
-4.60	-2.3693	2.4689	97.1716	78.7395	1.2341	1.1277	10.7226
-4.40	-2.1865	2.3731	91.3860	74.1698	1.2321	1.1284	10.5156
-4.20	-2.0028	2.2858	80.7465	65.9169	1.2250	1.1304	10.3293
-4.00	-1.8174	2.2105	67.5505	55.5172	1.2167	1.1347	10.1771
-3.80	-1.6296	2.1490	53.9061	44.5983	1.2087	1.1420	10.0668
-3.60	-1.4394	2.1011	41.4431	34.4184	1.2041	1.1522	9.9985
-3.40	-1.2469	2.0650	31.2060	25.8311	1.2081	1.1679	9.9796
-3.20	-1.0526	2.0381	23.4468	19.1826	1.2223	1.1920	10.0161
-3.00	-0.8570	2.0178	17.9709	14.4151	1.2467	1.2229	10.0943
-2.80	-0.6605	2.0013	14.4083	11.2798	1.2774	1.2550	10.1843
-2.60	-0.4638	1.9863	12.4472	9.4926	1.3112	1.2898	10.2856
-2.40	-0.2673	1.9704	11.7514	8.8069	1.3344	1.3094	10.3219
-2.20	-0.0715	1.9513	12.1501	9.0698	1.3396	1.3097	10.2732
-2.00	0.1230	1.9270	13.6006	10.1719	1.3371	1.2946	10.1497
-1.80	0.3158	1.8951	15.9947	12.0286	1.3297	1.2746	9.9875
-1.60	0.5063	1.8540	19.1145	14.4504	1.3228	1.2525	9.7922
-1.40	0.6941	1.8026	22.6613	17.1431	1.3219	1.2317	9.5754
-1.20	0.8791	1.7416	26.0764	19.7232	1.3221	1.2149	9.3475
-1.00	1.0616	1.6729	28.8874	21.7937	1.3255	1.2021	9.1129
-0.80	1.2422	1.5996	30.6098	23.0742	1.3266	1.1921	8.8737
-0.60	1.4215	1.5252	31.0461	23.5024	1.3210	1.1820	8.6281
-0.40	1.6005	1.4532	30.4137	23.1684	1.3127	1.1746	8.3957
-0.20	1.7799	1.3860	28.8722	22.2598	1.2971	1.1670	8.1727
0.0	1.9604	1.3252	26.8730	20.9669	1.2817	1.1618	7.9737
0.20	2.1425	1.2717	24.6444	19.5079	1.2633	1.1564	7.7927
0.40	2.3265	1.2255	22.4322	18.0123	1.2454	1.1516	7.6343
0.60	2.5125	1.1866	20.3227	16.5842	1.2254	1.1468	7.4964
0.80	2.7005	1.1545	18.4623	15.2896	1.2075	1.1421	7.3790
1.00	2.8908	1.1287	16.8312	14.1541	1.1891	1.1373	7.2809
1.20	3.0831	1.1091	15.4930	13.2318	1.1709	1.1334	7.2046
1.40	3.2777	1.0954	14.4211	12.5164	1.1522	1.1273	7.1409
1.60	3.4746	1.0875	13.6155	12.0660	1.1284	1.1218	7.0977
1.80	3.6731	1.0838	13.1406	12.0359	1.0918	1.0701	6.9206
2.00	3.8681	1.0713	0.0	13.0894	0.0	0.0	0.0

T= 19000

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-5.00	-2.7259	2.6998	0.0	68.4524	0.0	0.0	0.0
-4.80	-2.5408	2.6087	92.8394	75.4687	1.2302	1.1318	11.1006
-4.60	-2.3574	2.5110	96.0267	77.8248	1.2339	1.1290	10.8772
-4.40	-2.1746	2.4133	92.9455	75.2781	1.2347	1.1286	10.6618
-4.20	-1.9914	2.3218	84.3476	68.5691	1.2301	1.1302	10.4649
-4.00	-1.8068	2.2409	72.2129	59.0900	1.2221	1.1341	10.2987
-3.80	-1.6201	2.1734	58.7327	48.4187	1.2130	1.1400	10.1688
-3.60	-1.4310	2.1197	45.8639	37.9960	1.2071	1.1491	10.0826
-3.40	-1.2395	2.0787	34.8534	28.8537	1.2079	1.1626	10.0429
-3.20	-1.0459	2.0480	26.1841	21.5163	1.2159	1.1824	10.0530
-3.00	-0.8508	2.0249	19.8993	16.0717	1.2382	1.2099	10.1118
-2.80	-0.6548	2.0067	15.6573	12.3801	1.2647	1.2429	10.2026
-2.60	-0.4582	1.9908	13.1372	10.1149	1.2988	1.2773	10.3018
-2.40	-0.2617	1.9748	12.0039	9.0466	1.3269	1.3025	10.3607
-2.20	-0.0658	1.9563	12.0634	8.9794	1.3434	1.3101	10.3422
-2.00	0.1290	1.9332	13.1418	9.7942	1.3418	1.3028	10.2523
-1.80	0.3222	1.9032	15.1953	11.3854	1.3346	1.2824	10.0922
-1.60	0.5133	1.8643	18.0339	13.5940	1.3266	1.2579	9.8928
-1.40	0.7017	1.8154	21.4156	16.1779	1.3238	1.2381	9.6851
-1.20	0.8874	1.7566	24.8668	18.7476	1.3264	1.2222	9.4658
-1.00	1.0705	1.6896	27.7638	20.9204	1.3271	1.2080	9.2295
-0.80	1.2515	1.6172	29.6782	22.3869	1.3257	1.1945	8.9789
-0.60	1.4311	1.5430	30.4611	23.0364	1.3223	1.1851	8.7359
-0.40	1.6101	1.4702	30.1019	22.9113	1.3138	1.1760	8.4945
-0.20	1.7894	1.4018	28.8567	22.1749	1.3013	1.1686	8.2685
0.0	1.9697	1.3394	27.0295	21.0323	1.2851	1.1624	8.0609
0.20	2.1514	1.2842	24.9291	19.6754	1.2670	1.1565	7.8729
0.40	2.3349	1.2363	22.7400	18.2516	1.2459	1.1495	7.7015
0.60	2.5204	1.1958	20.7019	16.8749	1.2268	1.1446	7.5578
0.80	2.7080	1.1621	18.8610	15.5949	1.2094	1.1406	7.4375
1.00	2.8977	1.1349	17.2505	14.4925	1.1903	1.1354	7.3332
1.20	3.0896	1.1139	15.8959	13.5600	1.1723	1.1304	7.2492
1.40	3.2837	1.0989	14.8001	12.8575	1.1511	1.1238	7.1791
1.60	3.4800	1.0896	13.9817	12.4201	1.1257	1.1169	7.1276
1.80	3.6778	1.0840	13.4835	12.3914	1.0881	1.0568	6.9142
2.00	3.8705	1.0661	0.0	13.4593	0.0	0.0	0.0

T= 19200

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-5.00	-2.7158	2.7347	0.0	63.3665	0.0	0.0	0.0
-4.80	-2.5298	2.6480	87.9458	71.7346	1.2260	1.1338	11.2522
-4.60	-2.3458	2.5523	93.8807	76.0641	1.2342	1.1315	11.0359
-4.40	-2.1629	2.4538	93.4049	75.5439	1.2364	1.1301	10.8142
-4.20	-1.9800	2.3590	87.0936	70.5422	1.2346	1.1311	10.6081
-4.00	-1.7961	2.2732	76.3785	62.2120	1.2277	1.1340	10.4265
-3.80	-1.6103	2.1999	63.4162	52.0518	1.2183	1.1385	10.2773
-3.60	-1.4222	2.1404	50.3340	41.5857	1.2104	1.1459	10.1703
-3.40	-1.2317	2.0941	38.6465	32.0064	1.2075	1.1579	10.1124
-3.20	-1.0390	2.0592	29.1599	24.0329	1.2133	1.1746	10.1000
-3.00	-0.8446	2.0330	22.0496	17.9333	1.2295	1.1990	10.1390
-2.80	-0.6489	2.0127	17.1177	13.6346	1.2555	1.2305	10.2202
-2.60	-0.4526	1.9956	14.0172	10.8977	1.2863	1.2637	10.3128
-2.40	-0.2562	1.9792	12.4032	9.4201	1.3167	1.2924	10.3865
-2.20	-0.0602	1.9611	12.0388	9.0124	1.3358	1.3066	10.3956

T= 19200

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-2.00	0.1349	1.9390	12,7781	9.5254	1.3415	1.3056	10.3328
-1.80	0.3285	1.9106	14.5001	10.8456	1.3370	1.2884	10.1891
-1.60	0.5200	1.8738	17.1044	12.8448	1.3316	1.2666	10.0047
-1.40	0.7091	1.8273	20.2695	15.2696	1.3274	1.2454	9.7964
-1.20	0.8955	1.7708	23.6334	17.7970	1.3279	1.2276	9.5747
-1.00	1.0792	1.7056	26.6249	20.0397	1.3286	1.2125	9.3389
-0.80	1.2606	1.6343	28.7966	21.6722	1.3287	1.2002	9.0951
-0.60	1.4405	1.5603	29.8550	22.5140	1.3261	1.1888	8.8445
-0.40	1.6196	1.4871	29.7705	22.6083	1.3168	1.1790	8.5989
-0.20	1.7988	1.4175	28.7928	22.0557	1.3055	1.1714	8.3682
0.0	1.9788	1.3537	27.1430	21.0628	1.2887	1.1630	8.1485
0.20	2.1602	1.2968	25.1396	19.8148	1.2687	1.1559	7.9508
0.40	2.3432	1.2472	23.0778	18.4619	1.2500	1.1501	7.7778
0.60	2.5283	1.2050	21.0764	17.1291	1.2304	1.1443	7.6257
0.80	2.7154	1.1698	19.2217	15.8925	1.2095	1.1381	7.4932
1.00	2.9047	1.1412	17.6322	14.8027	1.1911	1.1331	7.3848
1.20	3.0961	1.1189	16.2515	13.8917	1.1699	1.1271	7.2926
1.40	3.2897	1.1026	15.1546	13.1935	1.1486	1.1205	7.2182
1.60	3.4854	1.0918	14.3348	12.7504	1.1243	1.1143	7.1641
1.80	3.6823	1.0840	13.7900	12.7144	1.0846	1.0428	6.9045
2.00	3.8727	1.0603	0.0	13.8009	0.0	0.0	0.0

T= 19400

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-5.00	-2.7063	2.7666	0.0	58.0847	0.0	0.0	0.0
-4.80	-2.5193	2.6850	82.6710	67.4789	1.2251	1.1373	11.4071
-4.60	-2.3345	2.5923	90.7463	73.4883	1.2348	1.1342	11.1932
-4.40	-2.1513	2.4942	92.8906	75.0113	1.2384	1.1319	10.9683
-4.20	-1.9685	2.3971	88.8666	71.8176	1.2374	1.1324	10.7549
-4.00	-1.7851	2.3070	79.9050	64.8063	1.2330	1.1346	10.5614
-3.80	-1.6002	2.2282	67.8392	55.4106	1.2243	1.1377	10.3937
-3.60	-1.4132	2.1629	54.8897	45.1021	1.2170	1.1441	10.2688
-3.40	-1.2237	2.1112	42.6801	35.2355	1.2113	1.1544	10.1909
-3.20	-1.0319	2.0718	32.4043	26.7089	1.2132	1.1694	10.1609
-3.00	-0.8381	2.0421	24.4620	19.9942	1.2235	1.1928	10.1881
-2.80	-0.6430	2.0194	18.7643	15.0775	1.2445	1.2191	10.2422
-2.60	-0.4470	2.0008	15.0680	11.7967	1.2773	1.2518	10.3310
-2.40	-0.2507	1.9838	12.9851	9.9122	1.3100	1.2869	10.4301
-2.20	-0.0547	1.9658	12.2178	9.1540	1.3347	1.3052	10.4564
-2.00	0.1406	1.9445	12.5677	9.3565	1.3432	1.3046	10.3971
-1.80	0.3345	1.9175	13.9550	10.4072	1.3409	1.2917	10.2733
-1.60	0.5266	1.8826	16.2127	12.1589	1.3334	1.2715	10.0997
-1.40	0.7162	1.8383	19.2131	14.4287	1.3316	1.2519	9.9027
-1.20	0.9032	1.7841	22.4221	16.8904	1.3275	1.2317	9.6768
-1.00	1.0875	1.7207	25.5087	19.1529	1.3318	1.2155	9.4409
-0.80	1.2695	1.6507	27.8309	20.9153	1.3307	1.2034	9.2002
-0.60	1.4497	1.5771	29.1313	21.9682	1.3261	1.1919	8.9499
-0.40	1.6289	1.5036	29.3363	22.2367	1.3193	1.1811	8.6991
-0.20	1.8081	1.4331	28.5292	21.8684	1.3046	1.1716	8.4584
0.0	1.9879	1.3679	27.0856	21.0342	1.2877	1.1636	8.2356
0.20	2.1689	1.3094	25.2965	19.8919	1.2717	1.1556	8.0301
0.40	2.3516	1.2582	23.3184	18.6231	1.2521	1.1505	7.8540
0.60	2.5362	1.2144	21.3578	17.3470	1.2312	1.1439	7.6937
0.80	2.7228	1.1776	19.5679	16.1553	1.2112	1.1376	7.5556

T= 19400

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
1.00	2.9116	1.1476	17.9580	15.0842	1.1905	1.1305	7.4352
1.20	3.1025	1.1239	16.6332	14.1842	1.1727	1.1256	7.3424
1.40	3.2957	1.1063	15.5042	13.4754	1.1506	1.1171	7.2569
1.60	3.4908	1.0940	14.6483	13.0326	1.1240	1.1098	7.1930
1.80	3.6868	1.0840	14.0829	13.0025	1.0831	1.0437	6.9433
2.00	3.8747	1.0541	0.0	14.0901	0.0	0.0	0.0

T= 19500

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-5.00	-2.7017	2.7814	0.0	55.4369	0.0	0.0	0.0
-4.80	-2.5142	2.7025	79.8117	65.2266	1.2236	1.1399	11.4866
-4.60	-2.3290	2.6117	88.6967	72.0259	1.2315	1.1347	11.2662
-4.40	-2.1456	2.5141	92.1330	74.4511	1.2375	1.1326	11.0437
-4.20	-1.9628	2.4164	89.4102	72.1690	1.2389	1.1331	10.8294
-4.00	-1.7796	2.3244	81.3453	65.9005	1.2344	1.1336	10.6238
-3.80	-1.5951	2.2431	69.7898	56.9749	1.2249	1.1357	10.4455
-3.60	-1.4085	2.1749	57.0121	46.7905	1.2185	1.1444	10.3251
-3.40	-1.2195	2.1205	44.7297	36.8576	1.2136	1.1536	10.2361
-3.20	-1.0282	2.0786	34.0881	28.0853	1.2137	1.1662	10.1898
-3.00	-0.8348	2.0471	25.7233	21.0611	1.2214	1.1852	10.1941
-2.80	-0.6400	2.0230	19.7076	15.8640	1.2423	1.2144	10.2582
-2.60	-0.4442	2.0036	15.6494	12.3205	1.2702	1.2460	10.3408
-2.40	-0.2479	1.9862	13.2822	10.1964	1.3026	1.2774	10.4245
-2.20	-0.0519	1.9682	12.3054	9.2547	1.3296	1.3016	10.4749
-2.00	0.1434	1.9471	12.4920	9.3132	1.3413	1.3050	10.4325
-1.80	0.3375	1.9207	13.7026	10.2232	1.3403	1.2959	10.3253
-1.60	0.5297	1.8868	15.8455	11.8708	1.3348	1.2756	10.1532
-1.40	0.7197	1.8435	18.6955	14.0403	1.3316	1.2566	9.9613
-1.20	0.9070	1.7904	21.8806	16.4614	1.3292	1.2370	9.7396
-1.00	1.0916	1.7280	24.9402	18.7389	1.3309	1.2202	9.5035
-0.80	1.2738	1.6586	27.2964	20.5320	1.3295	1.2025	9.2430
-0.60	1.4542	1.5854	28.7349	21.6742	1.3258	1.1915	8.9954
-0.40	1.6335	1.5117	29.0789	22.0374	1.3195	1.1820	8.7485
-0.20	1.8126	1.4408	28.4665	21.7660	1.3078	1.1730	8.5084
0.0	1.9923	1.3750	27.1174	20.9920	1.2918	1.1633	8.2774
0.20	2.1732	1.3158	25.3611	19.9202	1.2731	1.1553	8.0691
0.40	2.3557	1.2638	23.4107	18.6959	1.2522	1.1477	7.8821
0.60	2.5401	1.2191	21.5013	17.4544	1.2319	1.1418	7.7214
0.80	2.7265	1.1816	19.7367	16.2738	1.2128	1.1367	7.5849
1.00	2.9150	1.1508	18.1310	15.2204	1.1912	1.1297	7.4623
1.20	3.1058	1.1265	16.7903	14.3251	1.1721	1.1247	7.3667
1.40	3.2986	1.1081	15.6529	13.6299	1.1484	1.1136	7.2704
1.60	3.4935	1.0951	14.8021	13.1823	1.1229	1.1145	7.2317
1.80	3.6890	1.0839	14.2230	13.1367	1.0827	1.0264	6.9029
2.00	3.8756	1.0508	0.0	14.2199	0.0	0.0	0.0

T= 19600

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-5.00	-2.6973	2.7954	0.0	52.8441	0.0	0.0	0.0
-4.80	-2.5093	2.7194	0.0	62.8871	0.0	1.1426	11.5656
-4.60	-2.3237	2.6306	86.5716	70.3397	1.2308	1.1365	11.3452
-4.40	-2.1400	2.5339	91.1601	73.6745	1.2373	1.1340	11.1223
-4.20	-1.9571	2.4356	89.6986	72.3290	1.2401	1.1335	10.9023

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T= 19600

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-4.00	-1.7741	2.3421	82.6039	66.8460	1.2357	1.1339	10.6927
-3.80	-1.5900	2.2583	71.7255	58.4035	1.2281	1.1371	10.5147
-3.60	-1.4038	2.1874	59.0599	48.4846	1.2181	1.1425	10.3725
-3.40	-1.2153	2.1302	46.6902	38.5081	1.2125	1.1505	10.2716
-3.20	-1.0245	2.0859	35.7886	29.5427	1.2114	1.1632	10.2204
-3.00	-0.8315	2.0523	27.0681	22.1844	1.2201	1.1802	10.2117
-2.80	-0.6369	2.0269	20.6891	16.6813	1.2403	1.2079	10.2666
-2.60	-0.4413	2.0065	16.2887	12.8931	1.2634	1.2399	10.3491
-2.40	-0.2452	1.9886	13.6357	10.5251	1.2955	1.2678	10.4181
-2.20	-0.0492	1.9705	12.4181	9.4017	1.3208	1.2958	10.4844
-2.00	0.1462	1.9497	12.4390	9.3002	1.3375	1.3042	10.4630
-1.80	0.3404	1.9239	13.4943	10.0630	1.3410	1.2984	10.3703
-1.60	0.5329	1.8907	15.5178	11.5976	1.3380	1.2810	10.2115
-1.40	0.7231	1.8486	18.1862	13.6727	1.3301	1.2584	10.0076
-1.20	0.9107	1.7965	21.3340	16.0362	1.3304	1.2393	9.7902
-1.00	1.0956	1.7351	24.3715	18.3311	1.3295	1.2226	9.5567
-0.80	1.2780	1.6664	26.8331	20.1746	1.3300	1.2083	9.3104
-0.60	1.4586	1.5935	28.3701	21.3599	1.3282	1.1942	9.0513
-0.40	1.6380	1.5198	28.8532	21.8288	1.3218	1.1849	8.8048
-0.20	1.8172	1.4485	28.4015	21.6483	1.3119	1.1743	8.5576
0.0	1.9968	1.3821	27.1526	20.9432	1.2965	1.1657	8.3284
0.20	2.1775	1.3221	25.4259	19.9418	1.2750	1.1572	8.1160
0.40	2.3598	1.2693	23.5309	18.7625	1.2541	1.1487	7.9229
0.60	2.5440	1.2238	21.6505	17.5557	1.2332	1.1417	7.7558
0.80	2.7302	1.1856	19.8849	16.3918	1.2131	1.1345	7.6095
1.00	2.9185	1.1541	18.3039	15.3489	1.1925	1.1293	7.4907
1.20	3.1090	1.1290	16.9205	14.4661	1.1697	1.1204	7.3798
1.40	3.3016	1.1100	15.8010	13.7748	1.1471	1.1118	7.2893
1.60	3.4961	1.0962	14.9575	13.3327	1.1219	1.1074	7.2312
1.80	3.6912	1.0839	14.3450	13.2773	1.0804	0.0	0.0
2.00	3.8764	1.0474	0.0	14.3381	0.0	0.0	0.0

T= 19800

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-5.00	-2.6889	2.8213	0.0	47.8154	0.0	0.0	0.0
-4.80	-2.4998	2.7511	71.0193	58.1232	1.2219	1.1460	11.7095
-4.60	-2.3133	2.6669	82.0633	66.6417	1.2314	1.1393	11.4955
-4.40	-2.1290	2.5726	88.7016	71.6537	1.2379	1.1367	11.2773
-4.20	-1.9459	2.4742	89.5149	72.1471	1.2407	1.1343	11.0482
-4.00	-1.7631	2.3781	84.6256	68.2614	1.2397	1.1344	10.8319
-3.80	-1.5795	2.2899	75.2149	60.9677	1.2337	1.1371	10.6416
-3.60	-1.3942	2.2136	63.2568	51.6145	1.2256	1.1413	10.4823
-3.40	-1.2067	2.1509	50.7348	41.7104	1.2164	1.1474	10.3600
-3.20	-1.0168	2.1015	39.3444	32.4276	1.2133	1.1598	10.2959
-3.00	-0.8247	2.0638	29.9191	24.5592	1.2182	1.1761	10.2743
-2.80	-0.6307	2.0352	22.7216	18.4517	1.2314	1.1977	10.2964
-2.60	-0.4355	2.0128	17.7091	14.0885	1.2570	1.2277	10.3670
-2.40	-0.2397	1.9937	14.5314	11.2900	1.2871	1.2614	10.4580
-2.20	-0.0437	1.9752	12.8779	9.7745	1.3175	1.2893	10.5239
-2.00	0.1517	1.9547	12.4736	9.3370	1.3359	1.3034	10.5264
-1.80	0.3462	1.9299	13.1990	9.8203	1.3441	1.3002	10.4463
-1.60	0.5390	1.8983	14.8577	11.0913	1.3396	1.2851	10.3004
-1.40	0.7297	1.8581	17.3449	12.9828	1.3360	1.2658	10.1137
-1.20	0.9179	1.8082	20.2888	15.2264	1.3325	1.2449	9.8942

T= 19800

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-1.00	1.1034	1.7487	23.2790	17.4777	1.3319	1.2258	9.6555
-0.80	1.2864	1.6815	25.8793	19.4198	1.3326	1.2117	9.4133
-0.60	1.4673	1.6093	27.6062	20.7555	1.3301	1.1987	9.1595
-0.40	1.6470	1.5356	28.3296	21.3939	1.3242	1.1874	8.9050
-0.20	1.8261	1.4637	28.0161	21.3678	1.3111	1.1755	8.6506
0.0	2.0056	1.3962	27.0067	20.8325	1.2964	1.1660	8.4145
0.20	2.1861	1.3348	25.4728	19.9324	1.2780	1.1571	8.1959
0.40	2.3680	1.2804	23.6982	18.8516	1.2571	1.1490	7.9991
0.60	2.5518	1.2334	21.8759	17.7006	1.2359	1.1414	7.8246
0.80	2.7375	1.1936	20.1375	16.5924	1.2137	1.1337	7.6712
1.00	2.9254	1.1607	18.5839	15.5737	1.1933	1.1265	7.5409
1.20	3.1154	1.1342	17.2242	14.7043	1.1714	1.1183	7.4274
1.40	3.3075	1.1138	16.1032	14.0202	1.1486	1.1097	7.3319
1.60	3.5014	1.0984	15.2163	13.5812	1.1204	1.1075	7.2762
1.80	3.6956	1.0837	14.5763	13.5164	1.0784	1.0016	6.8706
2.00	3.8778	1.0402	0.0	14.5309	0.0	0.0	0.0

T= 20000

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-5.00	-2.6810	2.8443	0.0	43.0442	0.0	0.0	0.0
-4.80	-2.4909	2.7800	64.9831	53.3533	1.2180	1.1529	11.8658
-4.60	-2.3035	2.7009	76.8244	62.5669	1.2279	1.1447	11.6542
-4.40	-2.1183	2.6099	85.3999	68.9951	1.2378	1.1402	11.4337
-4.20	-1.9349	2.5124	88.4912	71.2640	1.2417	1.1373	11.2034
-4.00	-1.7521	2.4146	85.7888	69.0500	1.2424	1.1365	10.9799
-3.80	-1.5690	2.3228	78.0238	63.0554	1.2374	1.1379	10.7755
-3.60	-1.3844	2.2415	67.0335	54.5087	1.2298	1.1409	10.5991
-3.40	-1.1979	2.1733	54.7227	44.8422	1.2203	1.1466	10.4630
-3.20	-1.0089	2.1187	43.0068	35.3736	1.2158	1.1556	10.3713
-3.00	-0.8176	2.0766	32.9406	27.0621	1.2172	1.1692	10.3276
-2.80	-0.6244	2.0445	25.0037	20.3870	1.2265	1.1878	10.3289
-2.60	-0.4297	2.0197	19.2908	15.4679	1.2471	1.2128	10.3735
-2.40	-0.2341	1.9991	15.5303	12.1728	1.2758	1.2431	10.4485
-2.20	-0.0383	1.9800	13.3818	10.2544	1.3050	1.2718	10.5179
-2.00	0.1572	1.9596	12.6183	9.4750	1.3317	1.2948	10.5578
-1.80	0.3518	1.9356	12.9638	9.6761	1.3398	1.3001	10.5141
-1.60	0.5450	1.9054	14.3431	10.7009	1.3404	1.2919	10.3988
-1.40	0.7362	1.8670	16.5803	12.3701	1.3404	1.2751	10.2263
-1.20	0.9249	1.8191	19.3447	14.4828	1.3357	1.2541	10.0108
-1.00	1.1109	1.7616	22.2482	16.6891	1.3331	1.2350	9.7763
-0.80	1.2944	1.6959	24.8429	18.6526	1.3319	1.2180	9.5258
-0.60	1.4758	1.6246	26.7851	20.1048	1.3323	1.2035	9.2679
-0.40	1.6557	1.5511	27.6964	20.9070	1.3247	1.1897	9.0038
-0.20	1.8349	1.4787	27.7027	21.0527	1.3159	1.1782	8.7484
0.0	2.0143	1.4102	26.8436	20.6634	1.2991	1.1675	8.5046
0.20	2.1945	1.3474	25.4466	19.8881	1.2795	1.1573	8.2767
0.40	2.3761	1.2916	23.7992	18.9022	1.2591	1.1486	8.0726
0.60	2.5595	1.2430	22.0666	17.8150	1.2386	1.1398	7.8891
0.80	2.7448	1.2017	20.3772	16.7573	1.2160	1.1318	7.7296
1.00	2.9322	1.1673	18.8281	15.7726	1.1937	1.1228	7.5880
1.20	3.1217	1.1395	17.4866	14.9212	1.1719	1.1134	7.4657
1.40	3.3134	1.1177	16.3616	14.2589	1.1475	1.1019	7.3558
1.60	3.5067	1.1007	15.4482	13.8057	1.1190	1.0980	7.2867
1.80	3.6999	1.0835	14.7874	13.7132	1.0783	0.9958	6.8847

T= 20000

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
2.00	3.8790	1.0326	0.0	14.6841	0.0	0.0	0.0

T= 20500

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-5.00	-2.6632	2.8908	0.0	32.8828	0.0	0.0	0.0
-4.80	-2.4708	2.8406	51.2663	42.0381	1.2195	1.1645	12.2046
-4.60	-2.2809	2.7753	63.4227	51.8232	1.2238	1.1538	12.0079
-4.40	-2.0936	2.6953	74.5527	60.5366	1.2315	1.1461	11.7939
-4.20	-1.9086	2.6038	82.4168	66.4297	1.2407	1.1414	11.5681
-4.00	-1.7253	2.5060	85.1048	68.3237	1.2456	1.1391	11.3373
-3.80	-1.5425	2.4084	82.1783	65.9799	1.2455	1.1388	11.1131
-3.60	-1.3593	2.3170	74.5420	60.0790	1.2407	1.1405	10.9085
-3.40	-1.1747	2.2363	63.9341	51.8262	1.2336	1.1440	10.7330
-3.20	-0.9880	2.1687	52.1736	42.5967	1.2248	1.1505	10.5998
-3.00	-0.7990	2.1146	41.0052	33.6153	1.2198	1.1602	10.5104
-2.80	-0.6077	2.0726	31.4815	25.7705	1.2216	1.1749	10.4715
-2.60	-0.4145	2.0403	24.0715	19.5276	1.2327	1.1961	10.4829
-2.40	-0.2200	2.0148	18.7680	14.9686	1.2538	1.2227	10.5321
-2.20	-0.0248	1.9930	15.3424	11.9562	1.2832	1.2528	10.6030
-2.00	0.1706	1.9719	13.4855	10.2755	1.3124	1.2804	10.6627
-1.80	0.3655	1.9489	12.9447	9.6987	1.3347	1.2959	10.6641
-1.60	0.5593	1.9213	13.5166	10.0540	1.3444	1.2962	10.5895
-1.40	0.7515	1.8867	15.0233	11.1853	1.3431	1.2830	10.4403
-1.20	0.9414	1.8435	17.2719	12.8765	1.3413	1.2646	10.2457
-1.00	1.1288	1.7907	19.9347	14.8744	1.3402	1.2461	10.0239
-0.80	1.3136	1.7291	22.5523	16.8430	1.3390	1.2281	9.7784
-0.60	1.4960	1.6605	24.6935	18.4846	1.3359	1.2116	9.5180
-0.40	1.6766	1.5880	26.0813	19.5941	1.3311	1.1973	9.2526
-0.20	1.8561	1.5149	26.5493	20.1048	1.3205	1.1843	8.9880
0.0	2.0354	1.4444	26.2167	20.0642	1.3066	1.1722	8.7316
0.20	2.2152	1.3787	25.2507	19.6027	1.2886	1.1613	8.4908
0.40	2.3961	1.3194	23.9063	18.8558	1.2678	1.1510	8.2693
0.60	2.5786	1.2671	22.3570	17.9692	1.2442	1.1408	8.0677
0.80	2.7629	1.2221	20.8105	17.0384	1.2214	1.1316	7.8913
1.00	2.9492	1.1842	19.3522	16.1516	1.1982	1.1222	7.7357
1.20	3.1375	1.1529	18.0351	15.3598	1.1742	1.1121	7.5982
1.40	3.3279	1.1276	16.8911	14.7015	1.1489	1.0989	7.4697
1.60	3.5197	1.1064	15.9438	14.2483	1.1190	1.0948	7.3892
1.80	3.7103	1.0829	0.0	14.0951	0.0	0.0	0.0
2.00	3.8808	1.0117	0.0	14.8488	0.0	0.0	0.0

T= 21000

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-5.00	-2.6477	2.9246	0.0	25.4502	0.0	0.0	0.0
-4.80	-2.4535	2.8861	40.0081	32.6630	1.2249	1.1829	12.5493
-4.60	-2.2613	2.8342	50.7353	41.4751	1.2233	1.1671	12.3526
-4.40	-2.0717	2.7673	62.3321	50.7515	1.2282	1.1561	12.1477
-4.20	-1.8847	2.6859	72.7587	58.8513	1.2363	1.1486	11.9290
-4.00	-1.6999	2.5934	79.8618	64.1372	1.2452	1.1444	11.7003
-3.80	-1.5167	2.4953	81.8702	65.5344	1.2493	1.1423	11.4663
-3.60	-1.3339	2.3981	78.5739	62.9281	1.2486	1.1420	11.2395
-3.40	-1.1506	2.3075	70.9011	57.0232	1.2434	1.1439	11.0343
-3.20	-0.9659	2.2280	60.5521	48.9947	1.2359	1.1474	10.8590

T= 21000

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-3.00	-0.7790	2.1615	49.3251	40.1643	1.2281	1.1539	10.7261
-2.80	-0.5899	2.1083	38.7661	31.6727	1.2240	1.1645	10.6416
-2.60	-0.3985	2.0668	29.8519	24.3324	1.2268	1.1798	10.6056
-2.40	-0.2053	2.0345	22.9943	18.5520	1.2394	1.2015	10.6186
-2.20	-0.0110	2.0082	18.1689	14.3930	1.2623	1.2292	10.6709
-2.00	0.1840	1.9850	15.1160	11.7177	1.2900	1.2581	10.7327
-1.80	0.3788	1.9616	13.5807	10.3041	1.3180	1.2827	10.7735
-1.60	0.5730	1.9354	13.3107	9.9521	1.3375	1.2943	10.7492
-1.40	0.7658	1.9037	14.0965	10.4732	1.3460	1.2910	10.6473
-1.20	0.9567	1.8643	15.7422	11.6891	1.3467	1.2775	10.4812
-1.00	1.1453	1.8159	17.9615	13.3584	1.3446	1.2587	10.2681
-0.80	1.3313	1.7583	20.3970	15.1960	1.3423	1.2397	10.0272
-0.60	1.5148	1.6929	22.6442	16.8946	1.3403	1.2223	9.7696
-0.40	1.6963	1.6221	24.3219	18.2053	1.3360	1.2065	9.5013
-0.20	1.8763	1.5492	25.2245	19.0036	1.3274	1.1920	9.2292
0.0	2.0557	1.4774	25.3259	19.2738	1.3140	1.1786	8.9621
0.20	2.2352	1.4093	24.7513	19.0955	1.2962	1.1655	8.7044
0.40	2.4156	1.3469	23.7109	18.5997	1.2748	1.1532	8.4646
0.60	2.5972	1.2913	22.4024	17.9050	1.2512	1.1417	8.2465
0.80	2.7806	1.2428	21.0103	17.1229	1.2270	1.1309	8.0518
1.00	2.9659	1.2014	19.6450	16.3345	1.2027	1.1201	7.8786
1.20	3.1531	1.1666	18.3882	15.6121	1.1778	1.1090	7.7250
1.40	3.3422	1.1377	17.2641	14.9917	1.1516	1.0940	7.5771
1.60	3.5324	1.1123	16.2689	14.5210	1.1204.	1.0959	7.5068
1.80	3.7205	1.0822	0.0	14.2652	0.0	0.0	0.0
2.00	3.8812	0.9884	0.0	14.7928	0.0	0.0	0.0

T= 21500

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-5.00	-2.6338	2.9493	0.0	20.7128	0.0	0.0	0.0
-4.80	-2.4382	2.9198	31.8110	25.7238	1.2366	1.2048	12.8893
-4.60	-2.2443	2.8794	40.2838	32.7757	1.2291	1.1847	12.6921
-4.40	-2.0525	2.8252	50.6890	41.2702	1.2282	1.1694	12.4909
-4.20	-1.8633	2.7560	61.7120	50.0446	1.2331	1.1587	12.2803
-4.00	-1.6766	2.6727	71.3381	57.4876	1.2409	1.1513	12.0548
-3.80	-1.4921	2.5791	77.5124	62.0523	1.2491	1.1471	11.8200
-3.60	-1.3090	2.4807	78.7437	62.8479	1.2529	1.1453	11.5836
-3.40	-1.1262	2.3840	74.9429	59.8648	1.2519	1.1449	11.3536
-3.20	-0.9428	2.2947	67.1240	53.8772	1.2459	1.1472	11.1498
-3.00	-0.7579	2.2167	57.0124	46.0340	1.2385	1.1514	10.9790
-2.80	-0.5708	2.1518	46.3040	37.5952	1.2316	1.1585	10.8503
-2.60	-0.3814	2.0999	36.3745	29.6126	1.2283	1.1599	10.7712
-2.40	-0.1899	2.0592	28.1272	22.8048	1.2334	1.1859	10.7390
-2.20	0.0033	2.0269	21.8394	17.5264	1.2461	1.2082	10.7539
-2.00	0.1974	1.9998	17.5195	13.7986	1.2697	1.2347	10.7986
-1.80	0.3920	1.9748	14.9079	11.4834	1.2982	1.2627	10.8517
-1.60	0.5862	1.9488	13.7182	10.3596	1.3242	1.2836	10.8687
-1.40	0.7795	1.9188	13.7360	10.2391	1.3415	1.2906	10.8143
-1.20	0.9712	1.8824	14.7223	10.9192	1.3483	1.2851	10.6886
-1.00	1.1607	1.8378	16.4492	12.1855	1.3499	1.2707	10.5016
-0.80	1.3478	1.7841	18.5835	13.7857	1.3480	1.2525	10.2727
-0.60	1.5324	1.7219	20.7516	15.4191	1.3458	1.2343	10.0186
-0.40	1.7148	1.6533	22.5664	16.8234	1.3414	1.2168	9.7471
-0.20	1.8954	1.5812	23.7698	17.8212	1.3338	1.2003	9.4671

T= 21500

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
0.0	2.0751	1.5087	24.2232	18.3401	1.3208	1.1850	9.1888
0.20	2.2545	1.4389	24.0204	18.4249	1.3037	1.1707	8.9194
0.40	2.4344	1.3740	23.2762	18.1581	1.2819	1.1565	8.6625
0.60	2.6154	1.3152	22.2312	17.6548	1.2592	1.1441	8.4300
0.80	2.7980	1.2634	21.0141	17.0208	1.2346	1.1322	8.2190
1.00	2.9823	1.2186	19.7581	16.3506	1.2084	1.1197	8.0273
1.20	3.1685	1.1805	18.5545	15.6911	1.1831	1.1068	7.8553
1.40	3.3564	1.1479	17.4562	15.1076	1.1555	1.0905	7.6892
1.60	3.5450	1.1183	16.4374	14.6185	1.1244	1.1052	7.6474
1.80	3.7305	1.0817	0.0	14.2687	0.0	0.9128	6.8283
2.00	3.8800	0.9629	0.0	14.6171	0.0	0.0	0.0

T= 22000

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-5.00	-2.6211	2.9684	0.0	18.3592	0.0	0.0	0.0
-4.80	-2.4245	2.9450	26.4888	21.2044	1.2492	1.2243	13.1997
-4.60	-2.2292	2.9134	32.4772	26.2110	1.2391	1.2042	13.0203
-4.40	-2.0356	2.8704	40.8617	33.1669	1.2320	1.1853	12.8223
-4.20	-1.8443	2.8134	51.0181	41.3777	1.2330	1.1708	12.6165
-4.00	-1.6556	2.7414	61.4608	49.6304	1.2384	1.1604	12.3986
-3.80	-1.4694	2.6559	70.2240	56.3455	1.2463	1.1536	12.1677
-3.60	-1.2852	2.5609	75.3383	60.1045	1.2535	1.1498	11.9284
-3.40	-1.1022	2.4624	75.6555	60.2096	1.2565	1.1481	11.6882
-3.20	-0.9195	2.3666	71.2504	56.7965	1.2545	1.1480	11.4581
-3.00	-0.7358	2.2790	63.2567	50.6826	1.2481	1.1506	11.2568
-2.80	-0.5506	2.2030	53.3476	43.0079	1.2404	1.1556	11.0914
-2.60	-0.3632	2.1401	43.1390	34.9557	1.2341	1.1633	10.9684
-2.40	-0.1735	2.0897	33.8971	27.4898	1.2331	1.1756	10.8956
-2.20	0.0181	2.0498	26.3373	21.2450	1.2397	1.1925	10.8686
-2.00	0.2112	2.0175	20.7017	16.4878	1.2556	1.2152	10.8845
-1.80	0.4051	1.9894	16.9067	13.2154	1.2793	1.2415	10.9248
-1.60	0.5992	1.9622	14.7489	11.2745	1.3082	1.2672	10.9615
-1.40	0.7926	1.9329	13.9191	10.4596	1.3308	1.2836	10.9494
-1.20	0.9848	1.8985	14.2114	10.5600	1.3458	1.2868	10.8653
-1.00	1.1752	1.8569	15.3740	11.3723	1.3519	1.2794	10.7147
-0.80	1.3633	1.8067	17.1175	12.6489	1.3533	1.2641	10.5056
-0.60	1.5489	1.7479	19.0779	14.1200	1.3511	1.2457	10.2574
-0.40	1.7322	1.6817	20.8968	15.5174	1.3467	1.2269	9.9852
-0.20	1.9135	1.6109	22.2814	16.6239	1.3403	1.2097	9.7038
0.0	2.0935	1.5384	23.0070	17.3353	1.3272	1.1920	9.4133
0.20	2.2730	1.4673	23.1053	17.6280	1.3107	1.1761	9.1322
0.40	2.4526	1.4002	22.6778	17.5657	1.2910	1.1618	8.8664
0.60	2.6331	1.3388	21.8586	17.2472	1.2674	1.1478	8.6171
0.80	2.8150	1.2839	20.8165	16.7644	1.2417	1.1337	8.3867
1.00	2.9984	1.2359	19.6912	16.1971	1.2157	1.1201	8.1790
1.20	3.1936	1.1944	18.5639	15.6189	1.1885	1.1060	7.9899
1.40	3.3703	1.1584	17.4905	15.0668	1.1609	1.0881	7.8048
1.60	3.5574	1.1246	16.4654	14.5642	1.1305	1.1229	7.8180
1.80	3.7404	1.0814	0.0	14.1285	0.0	0.0	0.0
2.00	3.8770	0.9344	0.0	0.0	0.0	0.0	0.0

T= 22500

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-5.00	-2.6089	2.9847	0.0	18.2040	0.0	0.0	0.0
-4.80	-2.4118	2.9647	23.7580	18.8869	1.2579	1.2369	13.4622
-4.60	-2.2156	2.9393	27.3006	21.8242	1.2509	1.2229	13.3281
-4.40	-2.0207	2.9051	33.3709	26.8974	1.2407	1.2033	13.1442
-4.20	-1.8276	2.8591	41.7479	33.7911	1.2355	1.1851	12.9405
-4.00	-1.6369	2.7987	51.6403	41.7335	1.2374	1.1717	12.7303
-3.80	-1.4487	2.7235	61.4586	49.4177	1.2437	1.1622	12.5075
-3.60	-1.2630	2.6355	69.2392	55.3219	1.2516	1.1559	12.2703
-3.40	-1.0791	2.5392	73.2297	58.2147	1.2579	1.1522	12.0246
-3.20	-0.8963	2.4407	72.5561	57.5686	1.2603	1.1510	11.7828
-3.00	-0.7135	2.3462	67.4636	53.6879	1.2566	1.1515	11.5549
-2.80	-0.5296	2.2606	59.2933	47.4369	1.2499	1.1543	11.3561
-2.60	-0.3440	2.1871	49.6263	39.9400	1.2425	1.1598	11.1967
-2.40	-0.1562	2.1264	39.9509	32.2985	1.2369	1.1681	11.0797
-2.20	0.0338	2.0778	31.4155	25.3745	1.2381	1.1814	11.0144
-2.00	0.2255	2.0387	24.5780	19.7125	1.2468	1.2000	10.9959
-1.80	0.4185	2.0061	19.5998	15.4944	1.2650	1.2231	11.0119
-1.60	0.6121	1.9766	16.3646	12.6922	1.2893	1.2481	11.0417
-1.40	0.8055	1.9467	14.6588	11.1335	1.3166	1.2709	11.0577
-1.20	0.9980	1.9134	14.2068	10.6121	1.3387	1.2835	11.0169
-1.00	1.1890	1.8740	14.7370	10.9133	1.3504	1.2822	10.8973
-0.80	1.3779	1.8268	16.0097	11.8133	1.3552	1.2718	10.7155
-0.60	1.5644	1.7710	17.6770	13.0431	1.3553	1.2556	10.4834
-0.40	1.7485	1.7075	19.3913	14.3444	1.3518	1.2374	10.2184
-0.20	1.9306	1.6382	20.8255	15.4801	1.3453	1.2186	9.9328
0.0	2.1110	1.5662	21.7680	16.3089	1.3347	1.2007	9.6404
0.20	2.2906	1.4944	22.1039	16.7631	1.3186	1.1828	9.3463
0.40	2.4702	1.4256	21.9170	16.8788	1.2985	1.1668	9.0667
0.60	2.6503	1.3617	21.3176	16.7204	1.2749	1.1515	8.8031
0.80	2.8315	1.3041	20.4545	16.3752	1.2491	1.1363	8.5578
1.00	3.0141	1.2530	19.4644	15.9175	1.2228	1.1219	8.3351
1.20	3.1984	1.2084	18.4276	15.4133	1.1956	1.1065	8.1291
1.40	3.3840	1.1690	17.3953	14.8967	1.1677	1.0874	7.9260
1.60	3.5697	1.1311	16.3750	14.3911	1.1379	1.1641	8.0909
1.80	3.7503	1.0816	0.0	13.8754	0.0	0.0	0.0
2.00	3.8710	0.9012	0.0	0.0	0.0	0.0	0.0

T= 23000

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-5.00	-2.5970	3.0008	0.0	20.1777	0.0	0.0	0.0
-4.80	-2.3998	2.9817	23.3696	18.6266	1.2546	0.0	0.0
-4.60	-2.2030	2.9598	24.5017	19.4803	1.2578	1.2343	13.5852
-4.40	-2.0071	2.9320	28.2789	22.5857	1.2521	1.2209	13.4479
-4.20	-1.8127	2.8948	34.5218	27.7731	1.2430	1.2026	13.2617
-4.00	-1.6202	2.8451	42.9120	34.6178	1.2396	1.1859	13.0555
-3.80	-1.4301	2.7808	52.4935	42.2459	1.2426	1.1728	12.8361
-3.60	-1.2426	2.7021	61.5918	49.2981	1.2494	1.1636	12.6031
-3.40	-1.0574	2.6115	68.2597	54.3259	1.2565	1.1579	12.3595
-3.20	-0.8739	2.5140	71.0403	56.2826	1.2622	1.1546	12.1099
-3.00	-0.6912	2.4159	69.3044	54.8705	1.2631	1.1538	11.8668
-2.80	-0.5082	2.3231	63.5986	50.5241	1.2588	1.1549	11.6424
-2.60	-0.3240	2.2401	55.2659	44.1617	1.2514	1.1583	11.4493
-2.40	-0.1380	2.1693	45.8881	36.8780	1.2443	1.1645	11.2968
-2.20	0.0502	2.1111	36.8053	29.6783	1.2401	1.1736	11.1878

T= 23000

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-2.00	0.2405	2.0642	28.9951	23.3217	1.2433	1.1879	11.1300
-1.80	0.4323	2.0257	22.9020	18.2498	1.2549	1.2073	11.1157
-1.60	0.6251	1.9925	18.5821	14.5794	1.2745	1.2301	11.1278
-1.40	0.8182	1.9609	15.9250	12.2458	1.3004	1.2539	11.1453
-1.20	1.0108	1.9277	14.6634	11.0624	1.3255	1.2724	11.1318
-1.00	1.2021	1.8897	14.5397	10.8177	1.3441	1.2801	11.0548
-0.80	1.3917	1.8449	15.2795	11.2815	1.3544	1.2757	10.9038
-0.60	1.5790	1.7918	16.5920	12.2133	1.3585	1.2637	10.6954
-0.40	1.7640	1.7308	18.1093	13.3392	1.3576	1.2472	10.4429
-0.20	1.9467	1.6634	19.5013	14.4357	1.3509	1.2277	10.1573
0.0	2.1277	1.5921	20.5445	15.3069	1.3422	1.2093	9.8623
0.20	2.3075	1.5199	21.0722	15.8777	1.3272	1.1917	9.5660
0.40	2.4870	1.4498	21.0846	16.1318	1.3070	1.1740	9.2730
0.60	2.6668	1.3840	20.6827	16.1079	1.2840	1.1567	8.9929
0.80	2.8475	1.3238	19.9881	15.8826	1.2585	1.1404	8.7330
1.00	3.0295	1.2699	19.1212	15.5278	1.2314	1.1251	8.4962
1.20	3.2129	1.2223	18.1692	15.0928	1.2038	1.1082	8.2725
1.40	3.3975	1.1796	17.1816	14.6196	1.1752	1.0878	8.0520
1.60	3.5818	1.1379	16.1717	14.1194	1.1453	1.0370	7.7282
1.80	3.7601	1.0824	0.0	13.5555	0.0	0.8927	6.9815
2.00	3.8591	0.8578	0.0	0.0	0.0	0.0	0.0,

T= 23500

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-5.00	-2.5851	3.0190	0.0	24.3501	0.0	0.0	0.0
-4.80	-2.3881	2.9982	25.2463	20.3557	1.2403	1.2216	13.7498
-4.60	-2.1911	2.9775	23.9050	19.0399	1.2555	1.2343	13.7732
-4.40	-1.9946	2.9535	25.3198	20.1407	1.2571	1.2324	13.7072
-4.20	-1.7991	2.9229	29.3987	23.4781	1.2522	1.2185	13.5586
-4.00	-1.6052	2.8821	35.8728	28.8098	1.2452	1.2007	13.3648
-3.80	-1.4134	2.8282	44.3008	35.5985	1.2445	1.1851	13.1534
-3.60	-1.2241	2.7596	53.4697	42.8375	1.2482	1.1732	12.9277
-3.40	-1.0373	2.6771	61.7388	49.1788	1.2554	1.1652	12.6891
-3.20	-0.8526	2.5840	67.2094	53.2622	1.2619	1.1596	12.4367
-3.00	-0.6695	2.4857	68.6884	54.2594	1.2659	1.1571	12.1847
-2.80	-0.4868	2.3885	65.9037	52.0795	1.2654	1.1566	11.9413
-2.60	-0.3036	2.2978	59.6057	47.3029	1.2601	1.1581	11.7203
-2.40	-0.1190	2.2177	51.2139	40.8811	1.2528	1.1622	11.5342
-2.20	0.0675	2.1500	42.1763	33.8556	1.2458	1.1689	11.3894
-2.00	0.2561	2.0943	33.7417	27.1280	1.2438	1.1793	11.2912
-1.80	0.4466	2.0489	26.7011	21.3658	1.2497	1.1950	11.2420
-1.60	0.6384	2.0108	21.3564	16.8995	1.2637	1.2149	11.2291
-1.40	0.8309	1.9763	17.7128	13.7824	1.2852	1.2377	11.2365
-1.20	1.0233	1.9420	15.5968	11.9017	1.3105	1.2586	11.2323
-1.00	1.2149	1.9046	14.7760	11.0720	1.3345	1.2733	11.1884
-0.80	1.4049	1.8614	14.9429	11.0646	1.3505	1.2768	11.0762
-0.60	1.5929	1.8107	15.8236	11.6377	1.3597	1.2694	10.8924
-0.40	1.7786	1.7520	17.0622	12.5402	1.3606	1.2546	10.6519
-0.20	1.9620	1.6864	18.3480	13.5175	1.3574	1.2373	10.3784
0.0	2.1435	1.6161	19.3865	14.3794	1.3482	1.2181	10.0806
0.20	2.3237	1.5440	20.0372	15.0075	1.3351	1.2000	9.7797
0.40	2.5033	1.4729	20.2131	15.3554	1.3164	1.1811	9.4763
0.60	2.6829	1.4054	19.9757	15.4465	1.2932	1.1632	9.1859
0.80	2.8631	1.3430	19.4231	15.3264	1.2673	1.1459	8.9128

T= 23500

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
1.00	3.0445	1.2865	18.6800	15.0559	1.2407	1.1291	8.6593
1.20	3.2271	1.2361	17.8114	14.6927	1.2123	1.1110	8.4194
1.40	3.4107	1.1903	16.8795	14.2617	1.1835	1.0896	8.1825
1.60	3.5938	1.1449	15.8854	13.7698	1.1536	1.0370	7.8284
1.80	3.7700	1.0837	0.0	13.1967	0.0	0.0	0.0

T= 24000

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-5.00	-2.5727	3.0418	0.0	30.7706	0.0	0.0	0.0
-4.80	-2.3763	3.0165	29.4355	24.0907	1.2219	0.0	0.0
-4.60	-2.1795	2.9945	25.4274	20.4463	1.2436	1.2229	13.8942
-4.40	-1.9827	2.9720	24.4697	19.4656	1.2571	1.2343	13.9060
-4.20	-1.7866	2.9455	26.2911	20.8867	1.2587	1.2297	13.8181
-4.00	-1.5917	2.9116	30.6946	24.5062	1.2525	1.2154	13.6583
-3.80	-1.3984	2.8666	37.4084	30.0001	1.2469	1.1983	13.4568
-3.60	-1.2074	2.8081	45.8121	36.6915	1.2486	1.1842	13.2399
-3.40	-1.0188	2.7349	54.5181	43.4789	1.2539	1.1738	13.0087
-3.20	-0.8328	2.6487	61.7863	48.9931	1.2611	1.1661	12.7603
-3.00	-0.6487	2.5533	65.9641	52.0618	1.2670	1.1616	12.5041
-2.80	-0.4658	2.4546	66.1235	52.0825	1.2696	1.1597	12.2501
-2.60	-0.2831	2.3587	62.3377	49.1822	1.2675	1.1596	12.0078
-2.40	-0.0996	2.2707	55.5380	44.0406	1.2611	1.1613	11.7905
-2.20	0.0854	2.1939	47.1575	37.6164	1.2536	1.1659	11.6122
-2.00	0.2724	2.1293	38.5914	30.9088	1.2486	1.1739	11.4792
-1.80	0.4615	2.0761	30.8529	24.7072	1.2487	1.1857	11.3915
-1.60	0.6521	2.0319	24.5926	19.5590	1.2574	1.2026	11.3495
-1.40	0.8438	1.9934	19.9955	15.6969	1.2738	1.2231	11.3374
-1.20	1.0358	1.9571	17.0123	13.1120	1.2975	1.2452	11.3342
-1.00	1.2273	1.9193	15.4296	11.6651	1.3227	1.2628	11.3035
-0.80	1.4177	1.8770	14.9843	11.1533	1.3435	1.2723	11.2202
-0.60	1.6062	1.8280	15.3594	11.3274	1.3560	1.2711	11.0677
-0.40	1.7925	1.7714	16.2663	11.9502	1.3612	1.2603	10.8486
-0.20	1.9766	1.7076	17.3791	12.7623	1.3618	1.2456	10.5893
0.0	2.1586	1.6385	18.3775	13.5637	1.3549	1.2278	10.2983
0.20	2.3392	1.5666	19.0582	14.2002	1.3421	1.2083	9.9896
0.40	2.5188	1.4949	19.3357	14.6007	1.3243	1.1882	9.6766
0.60	2.6983	1.4259	19.2317	14.7702	1.3021	1.1692	9.3747
0.80	2.8782	1.3615	18.8149	14.7334	1.2770	1.1518	9.0924
1.00	3.0591	1.3028	18.1731	14.5424	1.2497	1.1339	8.8244
1.20	3.2410	1.2497	17.3935	14.2353	1.2219	1.1150	8.5704
1.40	3.4237	1.2009	16.5219	13.8504	1.1929	1.0929	8.3186
1.60	3.6057	1.1521	0.0	13.3790	0.0	1.0369	7.9356
1.80	3.7798	1.0855	0.0	12.8148	0.0	0.0	0.0

T= 24500

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-5.00	-2.5595	3.0714	0.0	39.3359	0.0	0.0	0.0
-4.80	-2.3641	3.0389	35.9856	29.8699	1.2047	1.1805	13.8943
-4.60	-2.1679	3.0128	29.0406	23.7035	1.2252	1.2044	13.9744
-4.40	-1.9712	2.9894	25.5585	20.5057	1.2464	1.2245	14.0356
-4.20	-1.7748	2.9649	25.0753	19.9412	1.2575	1.2328	14.0248
-4.00	-1.5791	2.9356	27.3768	21.7443	1.2590	1.2276	13.9261
-3.80	-1.3848	2.8978	32.2070	25.6822	1.2541	1.2124	13.7499

T= 24500

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-3.60	-1.1923	2.8482	39.1742	31.3156	1.2509	1.1971	13.5454
-3.40	-1.0021	2.7845	47.4111	37.8315	1.2532	1.1836	13.3179
-3.20	-0.8144	2.7066	55.4890	44.0497	1.2597	1.1738	13.0757
-3.00	-0.6291	2.6166	61.6392	48.6553	1.2669	1.1677	12.8228
-2.80	-0.4455	2.5194	64.4247	50.6724	1.2714	1.1636	12.5603
-2.60	-0.2628	2.4210	63.2771	49.7301	1.2724	1.1619	12.3035
-2.40	-0.0800	2.3271	58.5868	46.1674	1.2690	1.1623	12.0644
-2.20	0.1038	2.2422	51.4371	40.7560	1.2621	1.1650	11.8561
-2.00	0.2894	2.1689	43.1922	34.4314	1.2544	1.1706	11.6889
-1.80	0.4769	2.1074	35.1449	28.1002	1.2507	1.1790	11.5633
-1.60	0.6663	2.0563	28.1716	22.4595	1.2543	1.1923	11.4864
-1.40	0.8570	2.0128	22.7003	17.9345	1.2657	1.2099	11.4481
-1.20	1.0484	1.9733	18.8504	14.6688	1.2851	1.2302	11.4295
-1.00	1.2397	1.9342	16.4776	12.5928	1.3085	1.2499	11.4060
-0.80	1.4301	1.8920	15.3711	11.5393	1.3321	1.2639	11.3440
-0.60	1.6190	1.8442	15.2429	11.2848	1.3537	1.2688	11.2213
-0.40	1.8058	1.7893	15.7601	11.5804	1.3609	1.2643	11.0334
-0.20	1.9905	1.7272	16.6102	12.1853	1.3631	1.2511	10.7836
0.0	2.1731	1.6592	17.4990	12.8666	1.3600	1.2351	10.5018
0.20	2.3540	1.5878	18.1633	13.4666	1.3488	1.2153	10.1902
0.40	2.5338	1.5157	18.5193	13.8903	1.3333	1.1966	9.8795
0.60	2.7132	1.4456	18.5022	14.1076	1.3115	1.1770	9.5689
0.80	2.8929	1.3795	18.1911	14.1309	1.2873	1.1585	9.2737
1.00	3.0733	1.3185	17.6355	14.0017	1.2595	1.1392	8.9907
1.20	3.2546	1.2630	16.9337	13.7529	1.2313	1.1190	8.7213
1.40	3.4365	1.2116	16.1248	13.4041	1.2030	1.0967	8.4562
1.60	3.6174	1.1595	0.0	12.9700	0.0	1.0383	8.0489
1.80	3.7897	1.0878	0.0	12.4345	0.0	0.0	0.0

T= 25000

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-5.00	-2.5454	3.1096	0.0	49.5827	0.0	0.0	0.0
-4.80	-2.3513	3.0672	44.8340	37.5672	1.1934	1.1630	13.9957
-4.60	-2.1560	3.0346	34.8515	28.8014	1.2101	1.1852	14.0534
-4.40	-1.9598	3.0078	28.5760	23.2229	1.2305	1.2081	14.1262
-4.20	-1.7634	2.9830	25.7133	20.5672	1.2502	1.2266	14.1749
-4.00	-1.5673	2.9561	25.8118	20.4923	1.2596	1.2313	14.1378
-3.80	-1.3722	2.9234	28.6460	22.7414	1.2596	1.2238	14.0167
-3.60	-1.1785	2.8812	33.9070	26.9971	1.2559	1.2100	13.8364
-3.40	-0.9868	2.8264	41.0434	32.7183	1.2544	1.1951	13.6191
-3.20	-0.7976	2.7572	49.0199	38.9556	1.2584	1.1828	13.3824
-3.00	-0.6108	2.6745	56.2925	44.4801	1.2656	1.1743	13.1325
-2.80	-0.4262	2.5812	61.1547	48.0885	1.2717	1.1682	12.8678
-2.60	-0.2431	2.4828	62.4946	49.0223	1.2748	1.1549	12.6022
-2.40	-0.0605	2.3852	60.1345	47.1858	1.2744	1.1640	12.3472
-2.20	0.1225	2.2939	54.6820	43.0633	1.2698	1.1655	12.1168
-2.00	0.3068	2.2126	47.3190	37.4743	1.2627	1.1690	11.9178
-1.80	0.4929	2.1428	39.3676	31.3363	1.2563	1.1751	11.7590
-1.60	0.6809	2.0843	31.9324	25.4578	1.2543	1.1848	11.6449
-1.40	0.8705	2.0349	25.7373	20.4180	1.2605	1.1989	11.5742
-1.20	1.0611	1.9913	21.0560	16.5192	1.2746	1.2164	11.5330
-1.00	1.2519	1.9498	17.9161	13.8182	1.2966	1.2363	11.5053
-0.80	1.4423	1.9070	16.1299	12.2123	1.3208	1.2535	11.4568
-0.60	1.6314	1.8597	15.4351	11.5015	1.3420	1.2626	11.3549

T= 25000

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-0.40	1.8187	1.8060	15.5302	11.4391	1.3576	1.2642	11.1970
-0.20	2.0038	1.7454	16.0766	11.7860	1.3640	1.2556	10.9698
0.0	2.1869	1.6786	16.7774	12.3141	1.3625	1.2401	10.6913
0.20	2.3681	1.6077	17.3909	12.8378	1.3547	1.2229	10.3904
0.40	2.5482	1.5354	17.7465	13.2462	1.3397	1.2034	10.0730
0.60	2.7276	1.4644	17.8011	13.4824	1.3203	1.1843	9.7588
0.80	2.9071	1.3967	17.5608	13.5460	1.2964	1.1645	9.4507
1.00	3.0871	1.3339	17.0887	13.4623	1.2694	1.1447	9.1569
1.20	3.2678	1.2761	16.4496	13.2546	1.2410	1.1240	8.8750
1.40	3.4490	1.2221	15.7044	12.9513	1.2126	1.1011	8.5970
1.60	3.6290	1.1670	0.0	12.5495	0.0	1.0401	8.1639
1.80	3.7996	1.0905	0.0	12.0726	0.0	0.0	0.0

T= 25500

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-5.00	-2.5301	3.1577	0.0	60.6417	0.0	0.0	0.0
-4.80	-2.3376	3.1033	55.6773	46.8187	1.1892	1.1501	14.1387
-4.60	-2.1435	3.0616	42.7498	35.6357	1.1996	1.1684	14.1551
-4.40	-1.9482	3.0290	33.6192	27.6245	1.2170	1.1906	14.2123
-4.20	-1.7521	3.0014	28.1348	22.7359	1.2375	1.2131	14.2807
-4.00	-1.5560	2.9748	25.9331	20.6815	1.2539	1.2276	14.3017
-3.80	-1.3604	2.9452	26.6803	21.1615	1.2608	1.2309	14.2497
-3.60	-1.1658	2.9085	30.1110	23.8791	1.2610	1.2213	14.1053
-3.40	-0.9729	2.8613	35.7798	28.4364	1.2582	1.2067	13.9067
-3.20	-0.7822	2.8008	43.0052	34.1486	1.2594	1.1926	13.6782
-3.00	-0.5939	2.7260	50.5386	39.9747	1.2643	1.1819	13.4334
-2.80	-0.4081	2.6386	56.7911	44.6773	1.2711	1.1740	13.1723
-2.60	-0.2242	2.5426	60.2933	47.2216	1.2768	1.1694	12.9049
-2.40	-0.0414	2.4438	60.2005	47.1039	1.2780	1.1669	12.6380
-2.20	0.1412	2.3478	56.7212	44.4533	1.2760	1.1667	12.3868
-2.00	0.3246	2.2597	50.6637	39.8874	1.2702	1.1685	12.1610
-1.80	0.5094	2.1821	43.2659	34.2495	1.2633	1.1730	11.9733
-1.60	0.6960	2.1159	35.7396	28.3928	1.2588	1.1803	11.8273
-1.40	0.8844	2.0599	29.0030	23.0248	1.2596	1.1911	11.7230
-1.20	1.0740	2.0113	23.6164	18.5981	1.2698	1.2062	11.6568
-1.00	1.2643	1.9667	19.7144	15.3186	1.2870	1.2245	11.6139
-0.80	1.4544	1.9223	17.2183	13.1522	1.3092	1.2414	11.5612
-0.60	1.6435	1.8749	15.9297	11.9628	1.3316	1.2550	11.4803
-0.40	1.8311	1.8220	15.5543	11.5183	1.3504	1.2597	11.3381
-0.20	2.0167	1.7624	15.7722	11.5801	1.3620	1.2565	11.1370
0.0	2.2001	1.6967	16.2557	11.9171	1.3641	1.2444	10.8749
0.20	2.3818	1.6264	16.7669	12.3275	1.3601	1.2297	10.5839
0.40	2.5620	1.5541	17.0888	12.6879	1.3469	1.2108	10.2662
0.60	2.7415	1.4823	17.1583	12.9150	1.3286	1.1910	9.9439
0.80	2.9208	1.4133	16.9613	12.9974	1.3050	1.1708	9.6273
1.00	3.1005	1.3487	16.5578	12.9411	1.2795	1.1508	9.3241
1.20	3.2807	1.2889	15.9832	12.7704	1.2516	1.1306	9.0345
1.40	3.4613	1.2325	15.2947	12.5023	1.2233	1.1072	8.7435
1.60	3.6404	1.1746	14.5136	12.1373	1.1958	1.0426	8.2821
1.80	3.8093	1.0934	0.0	11.7372	0.0	0.0	0.0

T= 26000

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-5.00	-2.5137	3.2159	0.0	71.2912	0.0	0.0	0.0
-4.80	-2.3230	3.1482	67.9884	56.8857	1.1952	1.1418	14.3278
-4.60	-2.1303	3.0954	52.4432	43.8961	1.1947	1.1554	14.2912
-4.40	-1.9361	3.0545	40.5008	33.6052	1.2052	1.1742	14.3118
-4.20	-1.7407	3.0219	32.3145	26.4331	1.2225	1.1964	14.3691
-4.00	-1.5449	2.9934	27.7205	22.2994	1.2431	1.2173	14.4255
-3.80	-1.3490	2.9647	26.3063	20.9102	1.2581	1.2299	14.4305
-3.60	-1.1539	2.9318	27.7522	21.9823	1.2625	1.2286	14.3423
-3.40	-0.9600	2.8906	31.7783	25.1628	1.2629	1.2181	14.1802
-3.20	-0.7681	2.8378	37.8065	29.9654	1.2617	1.2041	13.9690
-3.00	-0.5784	2.7712	44.9561	35.5560	1.2644	1.1914	13.7313
-2.80	-0.3912	2.6908	51.8754	40.8182	1.2709	1.1817	13.4758
-2.60	-0.2062	2.5992	56.9462	44.5867	1.2772	1.1751	13.2069
-2.40	-0.0229	2.5012	58.9758	46.0277	1.2813	1.1710	12.9334
-2.20	0.1597	2.4027	57.5114	44.9109	1.2806	1.1690	12.6651
-2.00	0.3424	2.3092	53.0550	41.5677	1.2764	1.1692	12.4172
-1.80	0.5262	2.2246	46.6158	36.6898	1.2705	1.1717	12.2009
-1.60	0.7116	2.1509	39.3566	31.1287	1.2643	1.1774	12.0260
-1.40	0.8987	2.0879	32.3604	25.6498	1.2616	1.1853	11.8886
-1.20	1.0873	2.0337	26.3907	20.8439	1.2661	1.1971	11.7915
-1.00	1.2768	1.9851	21.7818	17.0419	1.2781	1.2122	11.7231
-0.80	1.4664	1.9384	18.6117	14.3452	1.2974	1.2290	11.6644
-0.60	1.6555	1.8901	16.7300	12.6605	1.3214	1.2446	11.5909
-0.40	1.8432	1.8374	15.8486	11.8143	1.3415	1.2529	11.4660
-0.20	2.0291	1.7787	15.6794	11.5616	1.3562	1.2531	11.2823
0.0	2.2129	1.7138	15.9205	11.6684	1.3644	1.2472	11.0486
0.20	2.3949	1.6441	16.2629	11.9420	1.3618	1.2334	10.7615
0.40	2.5754	1.5717	16.5263	12.2164	1.3528	1.2160	10.4476
0.60	2.7549	1.4994	16.5896	12.4208	1.3356	1.1976	10.1266
0.80	2.9341	1.4293	16.4239	12.4988	1.3140	1.1775	9.8040
1.00	3.1135	1.3631	16.0567	12.4625	1.2884	1.1574	9.4922
1.20	3.2934	1.3014	15.5419	12.3162	1.2619	1.1367	9.1913
1.40	3.4734	1.2428	14.8926	12.0695	1.2339	1.1124	8.8861
1.60	3.6517	1.1823	14.1642	11.7559	1.2049	1.0442	8.3967
1.80	3.8190	1.0966	0.0	11.4332	0.0	0.0	0.0

T= 26500

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-5.00	-2.4965	3.2832	0.0	80.1904	0.0	0.0	0.0
-4.80	-2.3073	3.2025	0.0	66.7703	0.0	1.1373	14.5600
-4.60	-2.1162	3.1371	63.3147	53.0168	1.1942	1.1468	14.4710
-4.40	-1.9234	3.0860	49.0430	40.9081	1.1989	1.1610	14.4416
-4.20	-1.7290	3.0461	38.2354	31.5649	1.2113	1.1801	14.4654
-4.00	-1.5337	3.0134	31.1080	25.2922	1.2299	1.2030	14.5264
-3.80	-1.3380	2.9837	27.4437	21.9676	1.2493	1.2216	14.5657
-3.60	-1.1426	2.9524	26.8640	21.2930	1.2616	1.2298	14.5378
-3.40	-0.9480	2.9156	29.0543	22.9666	1.2651	1.2253	14.4200
-3.20	-0.7550	2.8692	33.6424	26.5950	1.2650	1.2150	14.2449
-3.00	-0.5640	2.8102	39.9248	31.5416	1.2658	1.2017	14.0202
-2.80	-0.3754	2.7373	46.8172	36.8497	1.2705	1.1900	13.7696
-2.60	-0.1893	2.6515	52.8396	41.3946	1.2765	1.1815	13.5038
-2.40	-0.0051	2.5564	56.5704	44.1259	1.2820	1.1756	13.2261
-2.20	0.1777	2.4574	57.1276	44.4762	1.2845	1.1724	12.9499
-2.00	0.3602	2.3602	54.4627	42.4593	1.2827	1.1712	12.6846

T= 26500

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-1.80	0.5432	2.2698	49.2328	38.5596	1.2768	1.1720	12.4436
-1.60	0.7275	2.1891	42.5981	33.5327	1.2703	1.1752	12.2371
-1.40	0.9134	2.1191	35.6564	28.1691	1.2658	1.1812	12.0704
-1.20	1.1008	2.0587	29.2929	23.1470	1.2655	1.1903	11.9433
-1.00	1.2894	2.0054	24.1171	18.9332	1.2738	1.2035	11.8528
-0.80	1.4785	1.9556	20.3151	15.7395	1.2907	1.2194	11.7816
-0.60	1.6673	1.9058	17.7903	13.5805	1.3100	1.2333	11.6965
-0.40	1.8550	1.8527	16.3944	12.3100	1.3318	1.2445	11.5848
-0.20	2.0411	1.7943	15.8236	11.7207	1.3501	1.2489	11.4208
0.0	2.2253	1.7301	15.7648	11.5836	1.3610	1.2464	11.2034
0.20	2.4076	1.6608	15.9291	11.6875	1.3629	1.2366	10.9336
0.40	2.5882	1.5886	16.0796	11.8615	1.3556	1.2201	10.6214
0.60	2.7679	1.5157	16.1081	12.0007	1.3423	1.2024	10.2998
0.80	2.9470	1.4447	15.9425	12.0652	1.3214	1.1834	9.9755
1.00	3.1262	1.3770	15.5977	12.0260	1.2970	1.1636	9.6574
1.20	3.3057	1.3135	15.1138	11.8892	1.2712	1.1417	9.3430
1.40	3.4852	1.2530	14.5045	11.6782	1.2420	1.1170	9.0260
1.60	3.6627	1.1899	13.8465	11.3999	1.2146	1.0459	8.5110
1.80	3.8285	1.0997	0.0	11.1637	0.0	0.0	0.0

T= 27000

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-5.00	-2.4786	3.3573	0.0	86.2035	0.0	0.0	0.0
-4.80	-2.2907	3.2652	90.5938	75.3493	1.2023	1.1346	14.8228
-4.60	-2.1012	3.1872	74.4507	62.1525	1.1979	1.1412	14.6872
-4.40	-1.9099	3.1245	58.8335	49.0930	1.1984	1.1525	14.6134
-4.20	-1.7168	3.0753	45.7005	37.9406	1.2045	1.1678	14.5942
-4.00	-1.5223	3.0363	36.0766	29.6020	1.2187	1.1877	14.6246
-3.80	-1.3270	3.0034	30.0499	24.2704	1.2381	1.2093	14.6768
-3.60	-1.1316	2.9719	27.3547	21.7908	1.2553	1.2251	14.6946
-3.40	-0.9367	2.9375	27.6550	21.8656	1.2648	1.2295	14.6354
-3.20	-0.7428	2.8960	30.6151	24.1362	1.2684	1.2233	14.4953
-3.00	-0.5507	2.8437	35.6660	28.1312	1.2678	1.2104	14.2877
-2.80	-0.3609	2.7782	42.0084	33.0852	1.2697	1.1978	14.0481
-2.60	-0.1734	2.6990	48.4077	37.9420	1.2758	1.1882	13.7911
-2.40	0.0117	2.6084	53.3345	41.6201	1.2815	1.1808	13.5155
-2.20	0.1952	2.5107	55.6939	43.2610	1.2874	1.1763	13.2348
-2.00	0.3777	2.4117	54.7765	42.5762	1.2866	1.1735	12.9557
-1.80	0.5602	2.3167	51.0432	39.7901	1.2828	1.1732	12.6962
-1.60	0.7436	2.2298	45.3152	35.4982	1.2765	1.1747	12.4639
-1.40	0.9284	2.1530	38.7256	30.4684	1.2710	1.1789	12.2692
-1.20	1.1147	2.0863	32.2390	25.4186	1.2683	1.1862	12.1147
-1.00	1.3024	2.0277	26.6096	20.9196	1.2720	1.1970	11.9976
-0.80	1.4908	1.9742	22.1975	17.3024	1.2829	1.2095	11.9001
-0.60	1.6791	1.9221	19.1174	14.6906	1.3013	1.2243	11.8133
-0.40	1.8667	1.8680	17.2051	13.0010	1.3234	1.2371	11.7071
-0.20	2.0529	1.8096	16.1969	12.0660	1.3424	1.2438	11.5535
0.0	2.2373	1.7457	15.8058	11.6592	1.3556	1.2443	11.3500
0.20	2.4199	1.6768	15.7472	11.5629	1.3619	1.2364	11.0887
0.40	2.6007	1.6046	15.7884	11.6110	1.3598	1.2252	10.7981
0.60	2.7804	1.5314	15.7334	11.6759	1.3475	1.2079	10.4739
0.80	2.9595	1.4594	15.5455	11.6981	1.3289	1.1892	10.1453
1.00	3.1385	1.3905	15.2115	11.6420	1.3066	1.1696	9.8211
1.20	3.3177	1.3254	14.7327	11.5150	1.2794	1.1469	9.4949

T= 27000

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
1.40	3.4967	1.2629	14.1728	11.3202	1.2520	1.1221	9.1680
1.60	3.6736	1.1975	13.5629	11.0841	1.2236	1.0475	8.6251
1.80	3.8378	1.1028	0.0	10.9418	0.0	0.0	0.0

T= 27500

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-5.00	-2.4607	3.4351	0.0	88.6278	0.0	0.0	0.0
-4.80	-2.2736	3.3347	98.5679	81.5764	1.2083	1.1334	15.1093
-4.60	-2.0854	3.2453	84.7531	70.3628	1.2045	1.1377	14.9340
-4.40	-1.8955	3.1705	69.0423	57.4764	1.2012	1.1457	14.8126
-4.20	-1.7038	3.1136	54.3437	45.2020	1.2022	1.1582	14.7517
-4.00	-1.5105	3.0634	42.4691	35.0695	1.2110	1.1750	14.7453
-3.80	-1.3159	3.0252	34.0620	27.7770	1.2263	1.1952	14.7787
-3.60	-1.1208	2.9915	29.1900	23.4438	1.2451	1.2153	14.8191
-3.40	-0.9257	2.9578	27.5168	21.8285	1.2606	1.2279	14.8114
-3.20	-0.7313	2.9196	28.7068	22.6427	1.2678	1.2278	14.7151
-3.00	-0.5384	2.8727	32.3712	25.4834	1.2703	1.2196	14.5472
-2.80	-0.3474	2.8139	37.8275	29.7258	1.2725	1.2080	14.3294
-2.60	-0.1587	2.7416	44.0385	34.5070	1.2762	1.1961	14.0740
-2.40	0.0276	2.6565	49.6830	38.7340	1.2827	1.1877	13.8049
-2.20	0.2119	2.5618	53.3268	41.4189	1.2875	1.1810	13.5186
-2.00	0.3947	2.4626	54.1676	41.9805	1.2903	1.1769	13.2313
-1.80	0.5771	2.3646	52.0095	40.3644	1.2885	1.1755	12.9577
-1.60	0.7598	2.2726	47.4144	36.9675	1.2826	1.1755	12.7031
-1.40	0.9437	2.1895	41.4335	32.4550	1.2766	1.1781	12.4822
-1.20	1.1289	2.1164	35.0733	27.5645	1.2724	1.1833	12.2995
-1.00	1.3156	2.0522	29.1560	22.9222	1.2720	1.1906	12.1488
-0.80	1.5031	1.9944	24.2740	18.9839	1.2787	1.2009	12.0278
-0.60	1.6910	1.9394	20.6514	15.9614	1.2938	1.2142	11.9266
-0.40	1.8784	1.8838	18.2122	13.8658	1.3135	1.2273	11.8172
-0.20	2.0645	1.8248	16.7652	12.5724	1.3335	1.2367	11.6756
0.0	2.2491	1.7610	16.0345	11.8769	1.3501	1.2400	11.4847
0.20	2.4318	1.6923	15.7252	11.5707	1.3591	1.2356	11.2384
0.40	2.6129	1.6201	15.5984	11.4690	1.3601	1.2263	10.9548
0.60	2.7927	1.5464	15.4706	11.4437	1.3519	1.2123	10.6414
0.80	2.9717	1.4737	15.2301	11.4065	1.3352	1.1944	10.3112
1.00	3.1506	1.4036	14.8776	11.3259	1.3136	1.1749	9.9806
1.20	3.3294	1.3369	14.4173	11.1907	1.2883	1.1525	9.6476
1.40	3.5080	1.2726	13.8828	11.0066	1.2613	1.1277	9.3112
1.60	3.6843	1.2049	13.3156	10.8111	1.2317	1.0478	8.7327
1.80	3.8469	1.1056	0.0	10.7610	0.0	0.0	0.0

T= 28000

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-5.00	-2.4431	3.5132	0.0	87.4080	0.0	0.0	0.0
-4.80	-2.2563	3.4084	102.9041	84.7954	1.2136	1.1341	15.4189
-4.60	-2.0690	3.3101	92.9059	76.7520	1.2105	1.1366	15.2117
-4.40	-1.8805	3.2240	78.7227	65.2928	1.2057	1.1418	15.0468
-4.20	-1.6902	3.1526	63.6367	52.8265	1.2046	1.1508	14.9380
-4.00	-1.4981	3.0957	49.9981	41.4227	1.2070	1.1647	14.8913
-3.80	-1.3045	3.0503	39.4396	32.3851	1.2178	1.1827	14.8953
-3.60	-1.1099	3.0125	32.3308	26.1825	1.2348	1.2029	14.9289
-3.40	-0.9150	2.9776	28.6128	22.8395	1.2528	1.2210	14.9533

T= 28000

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-3.20	-0.7204	2.9410	27.9806	22.1142	1.2653	1.2285	14.9065
-3.00	-0.5267	2.8981	30.0894	23.6507	1.2722	1.2267	14.7864
-2.80	-0.3347	2.8451	34.3607	26.9493	1.2750	1.2166	14.5905
-2.60	-0.1449	2.7794	39.9938	31.3013	1.2777	1.2051	14.3527
-2.40	0.0426	2.7003	45.7977	35.7099	1.2825	1.1947	14.0860
-2.20	0.2278	2.6098	50.3951	39.1411	1.2875	1.1862	13.7984
-2.00	0.4112	2.5121	52.6875	40.7826	1.2919	1.1812	13.5089
-1.80	0.5937	2.4127	52.0902	40.3093	1.2923	1.1779	13.2207
-1.60	0.7760	2.3167	48.8243	37.8910	1.2885	1.1768	12.9488
-1.40	0.9591	2.2281	43.6528	34.0554	1.2818	1.1774	12.7023
-1.20	1.1434	2.1489	37.6673	29.4850	1.2775	1.1813	12.4950
-1.00	1.3290	2.0789	31.7062	24.8668	1.2750	1.1868	12.3184
-0.80	1.5157	2.0163	26.4880	20.7106	1.2790	1.1957	12.1769
-0.60	1.7029	1.9578	22.3543	17.3484	1.2886	1.2062	12.0518
-0.40	1.8899	1.9001	19.4096	14.8787	1.3045	1.2173	11.9272
-0.20	2.0760	1.8401	17.5286	13.2272	1.3252	1.2286	11.7918
0.0	2.2606	1.7760	16.4290	12.2373	1.3425	1.2329	11.6043
0.20	2.4435	1.7073	15.8525	11.7046	1.3544	1.2327	11.3771
0.40	2.6247	1.6350	15.5306	11.4430	1.3572	1.2248	11.0977
0.60	2.8046	1.5610	15.2768	11.3039	1.3515	1.2120	10.7869
0.80	2.9836	1.4874	14.9931	11.1973	1.3390	1.1976	10.4670
1.00	3.1623	1.4162	14.6029	11.0786	1.3181	1.1777	10.1282
1.20	3.3409	1.3482	14.1515	10.9261	1.2952	1.1568	9.7938
1.40	3.5191	1.2822	13.6256	10.7482	1.2677	1.1316	9.4471
1.60	3.6948	1.2123	13.0976	10.5792	1.2381	1.0457	8.8299
1.80	3.8558	1.1082	0.0	10.6293	0.0	0.0	0.0

T= 28500

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-5.00	-2.4263	3.5882	0.0	82.9852	0.0	0.0	0.0
-4.80	-2.2392	3.4833	103.1563	84.7820	1.2167	1.1362	15.7405
-4.60	-2.0523	3.3794	97.9938	80.6553	1.2150	1.1370	15.5094
-4.40	-1.8648	3.2839	86.9751	71.7423	1.2123	1.1405	15.3117
-4.20	-1.6758	3.2014	72.7201	60.1739	1.2085	1.1469	15.1608
-4.00	-1.4851	3.1338	58.3190	48.2777	1.2080	1.1572	15.0668
-3.80	-1.2926	3.0797	45.9173	37.8470	1.2132	1.1714	15.0278
-3.60	-1.0989	3.0359	36.6920	29.9349	1.2257	1.1902	15.0401
-3.40	-0.9043	2.9980	30.9059	24.8558	1.2434	1.2102	15.0710
-3.20	-0.7097	2.9613	28.4122	22.5273	1.2612	1.2251	15.0702
-3.00	-0.5156	2.9209	28.7967	22.6657	1.2705	1.2284	14.9871
-2.80	-0.3229	2.8725	31.6927	24.8609	1.2748	1.2225	14.8267
-2.60	-0.1320	2.8128	36.4474	29.4996	1.2789	1.2129	14.6141
-2.40	0.0566	2.7399	41.9999	32.7698	1.2817	1.2013	14.3545
-2.20	0.2428	2.6544	47.1420	36.6056	1.2878	1.1922	14.0748
-2.00	0.4270	2.5595	50.5574	39.0999	1.2930	1.1859	13.7844
-1.80	0.6098	2.4601	51.3847	39.6775	1.2951	1.1809	13.4855
-1.60	0.7920	2.3614	49.5172	38.2697	1.2939	1.1787	13.2000
-1.40	0.9745	2.2683	45.3697	35.2294	1.2878	1.1784	12.9357
-1.20	1.1580	2.1834	39.9272	31.1439	1.2820	1.1800	12.6998
-1.00	1.3427	2.1077	34.1102	26.6829	1.2784	1.1838	12.4979
-0.80	1.5285	2.0400	28.6962	22.4389	1.2789	1.1903	12.3293
-0.60	1.7150	1.9776	24.1961	18.8175	1.2859	1.2000	12.1885
-0.40	1.9015	1.9173	20.8004	16.0090	1.2993	1.2106	12.0540
-0.20	2.0874	1.8558	18.4677	14.0206	1.3172	1.2197	11.9039

T= 28500

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
0.0	2.2719	1.7910	16.9938	12.7346	1.3345	1.2259	11.7237
0.20	2.4549	1.7220	16.1238	11.9628	1.3478	1.2275	11.5032
0.40	2.6362	1.6495	15.6036	11.5183	1.3547	1.2232	11.2386
0.60	2.8161	1.5751	15.2202	11.2567	1.3521	1.2130	10.9364
0.80	2.9952	1.5008	14.8559	11.0657	1.3425	1.1990	10.6138
1.00	3.1737	1.4285	14.4218	10.8932	1.3239	1.1811	10.2771
1.20	3.3521	1.3591	13.9398	10.7181	1.3006	1.1605	9.9368
1.40	3.5299	1.2915	13.4296	10.5422	1.2739	1.1355	9.5818
1.60	3.7050	1.2194	0.0	10.3980	0.0	1.0420	8.9188
1.80	3.8643	1.1103	0.0	10.5500	0.0	0.0	0.0

T= 29000

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-5.00	-2.4104	3.6576	0.0	76.2486	0.0	0.0	0.0
-4.80	-2.2226	3.5564	99.4851	81.7993	1.2162	1.1401	16.0713
-4.60	-2.0357	3.4508	99.6525	81.7675	1.2187	1.1388	15.8215
-4.40	-1.8487	3.3487	92.7598	76.2031	1.2173	1.1402	15.5955
-4.20	-1.6609	3.2564	80.7907	66.5714	1.2136	1.1443	15.4067
-4.00	-1.4714	3.1781	66.7182	55.0847	1.2112	1.1520	15.2713
-3.80	-1.2803	3.1142	53.2159	43.9013	1.2122	1.1631	15.1896
-3.60	-1.0875	3.0628	42.1518	34.5526	1.2199	1.1796	15.1704
-3.40	-0.8936	3.0202	34.3241	27.8121	1.2341	1.1989	15.1872
-3.20	-0.6992	2.9815	29.8726	23.8610	1.2519	1.2170	15.2034
-3.00	-0.5050	2.9420	28.5415	22.5276	1.2670	1.2277	15.1681
-2.80	-0.3117	2.8970	29.9597	23.4924	1.2753	1.2276	15.0511
-2.60	-0.1199	2.8423	33.5622	26.2409	1.2790	1.2199	14.8612
-2.40	0.0697	2.7753	38.5685	30.0420	1.2838	1.2092	14.6209
-2.20	0.2570	2.6953	43.8097	33.9943	1.2887	1.1992	14.3489
-2.00	0.4421	2.6042	47.9857	37.0811	1.2941	1.1911	14.0565
-1.80	0.6254	2.5061	50.0332	38.5659	1.2973	1.1851	13.7542
-1.60	0.8077	2.4062	49.4800	38.1443	1.2972	1.1815	13.4568
-1.40	0.9899	2.3094	46.5140	35.9516	1.2938	1.1803	13.1771
-1.20	1.1727	2.2196	41.7983	32.4683	1.2874	1.1801	12.9174
-1.00	1.3565	2.1384	36.2898	28.3169	1.2816	1.1816	12.6865
-0.80	1.5414	2.0655	30.8490	24.1070	1.2797	1.1863	12.4935
-0.60	1.7272	1.9989	26.0775	20.3147	1.2837	1.1937	12.3283
-0.40	1.9132	1.9354	22.2925	17.2236	1.2943	1.2031	12.1786
-0.20	2.0987	1.8720	19.5422	14.9238	1.3095	1.2116	12.0199
0.0	2.2831	1.8061	17.7267	13.3464	1.3282	1.2201	11.8479
0.20	2.4661	1.7366	16.5592	12.3289	1.3431	1.2226	11.6298
0.40	2.6475	1.6637	15.8074	11.6988	1.3512	1.2204	11.3726
0.60	2.8275	1.5888	15.2724	11.2960	1.3520	1.2130	11.0797
0.80	3.0065	1.5138	14.7844	11.0158	1.3421	1.1989	10.7524
1.00	3.1849	1.4405	14.3122	10.7811	1.3275	1.1838	10.4224
1.20	3.3631	1.3698	13.7968	10.5714	1.3051	1.1622	10.0702
1.40	3.5406	1.3006	13.2752	10.3828	1.2786	1.1376	9.7082
1.60	3.7150	1.2264	0.0	10.2620	0.0	1.0377	9.0037
1.80	3.8725	1.1119	0.0	10.5147	0.0	0.0	0.0

T= 29500

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-5.00	-2.3957	3.7196	0.0	68.2206	0.0	0.0	0.0
-4.80	-2.2068	3.6253	0.0	76.4702	0.0	1.1442	16.3942

T= 29500

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-4.60	-2.0194	3.5217	97.8869	80.1682	1.2210	1.1415	16.1395
-4.40	-1.8326	3.4162	95.5904	78.3080	1.2207	1.1407	15.8903
-4.20	-1.6455	3.3165	87.0516	71.4578	1.2182	1.1433	15.6746
-4.00	-1.4572	3.2282	74.4933	61.3173	1.2149	1.1484	15.4988
-3.80	-1.2673	3.1541	60.8405	50.1215	1.2139	1.1576	15.3818
-3.60	-1.0757	3.0940	48.4307	39.7883	1.2172	1.1707	15.3204
-3.40	-0.8826	3.0450	38.7825	31.5894	1.2277	1.1886	15.3138
-3.20	-0.6887	3.0028	32.4148	26.0518	1.2442	1.2081	15.3315
-3.00	-0.4945	2.9625	29.2895	23.2263	1.2610	1.2231	15.3228
-2.80	-0.3009	2.9193	29.1116	22.8638	1.2733	1.2293	15.2494
-2.60	-0.1085	2.8687	31.4380	24.5634	1.2799	1.2252	15.0912
-2.40	0.0821	2.8070	35.5807	27.7085	1.2841	1.2160	14.8717
-2.20	0.2704	2.7325	40.5676	31.4669	1.2892	1.2061	14.6133
-2.00	0.4564	2.6459	45.1447	34.8885	1.2940	1.1969	14.3253
-1.80	0.6404	2.5503	48.1834	37.0954	1.2989	1.1900	14.0233
-1.60	0.8230	2.4502	48.8492	37.5613	1.3005	1.1853	13.7183
-1.40	1.0051	2.3511	47.0422	36.2324	1.2983	1.1821	13.4198
-1.20	1.1874	2.2571	43.2351	33.4281	1.2934	1.1808	13.1414
-1.00	1.3704	2.1708	38.2159	29.7008	1.2867	1.1813	12.8907
-0.80	1.5545	2.0927	32.9227	25.6481	1.2836	1.1851	12.6771
-0.60	1.7395	2.0216	27.9895	21.7877	1.2846	1.1898	12.4843
-0.40	1.9249	1.9547	23.8857	18.4904	1.2918	1.1966	12.3107
-0.20	2.1100	1.8889	20.7668	15.9237	1.3041	1.2051	12.1450
0.0	2.2943	1.8216	18.5652	14.0615	1.3203	1.2122	11.9617
0.20	2.4772	1.7513	17.0909	12.8016	1.3351	1.2163	11.7481
0.40	2.6586	1.6778	16.1163	11.9752	1.3458	1.2158	11.4967
0.60	2.8386	1.6023	15.4076	11.4248	1.3486	1.2099	11.2078
0.80	3.0175	1.5266	14.8220	11.0399	1.3426	1.1988	10.8894
1.00	3.1959	1.4523	14.2710	10.7381	1.3290	1.1839	10.5551
1.20	3.3738	1.3803	13.7145	10.4874	1.3077	1.1627	10.1979
1.40	3.5509	1.3095	13.1697	10.2771	1.2815	1.1384	9.8294
1.60	3.7248	1.2332	0.0	10.1758	0.0	1.0310	9.0764
1.80	3.8803	1.1129	0.0	10.5284	0.0	0.0	0.0

T= 30000

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-5.00	-2.3821	3.7736	0.0	59.9514	0.0	0.0	0.0
-4.80	-2.1921	3.6881	84.7184	69.6317	1.2167	1.1496	16.7149
-4.60	-2.0038	3.5896	93.1197	76.2685	1.2209	1.1447	16.4553
-4.40	-1.8168	3.4844	95.4478	78.0015	1.2237	1.1430	16.1996
-4.20	-1.6300	3.3799	90.9930	74.3978	1.2231	1.1438	15.9608
-4.00	-1.4426	3.2833	81.0386	66.4413	1.2197	1.1467	15.7509
-3.80	-1.2538	3.1994	68.2076	56.0448	1.2170	1.1533	15.5930
-3.60	-1.0634	3.1298	55.1976	45.3531	1.2171	1.1642	15.4953
-3.40	-0.8713	3.0731	44.0916	36.0256	1.2239	1.1789	15.4512
-3.20	-0.6780	3.0259	35.9103	29.0331	1.2369	1.1974	15.4518
-3.00	-0.4842	2.9833	30.9950	24.7181	1.2539	1.2154	15.4574
-2.80	-0.2905	2.9405	29.1763	22.9834	1.2694	1.2270	15.4194
-2.60	-0.0976	2.8926	30.0725	23.5247	1.2783	1.2286	15.3028
-2.40	0.0937	2.8354	33.1670	25.8259	1.2843	1.2217	15.1081
-2.20	0.2830	2.7662	37.6087	29.1679	1.2894	1.2120	14.8636
-2.00	0.4700	2.6844	42.2788	32.6552	1.2947	1.2027	14.5860
-1.80	0.6548	2.5921	45.9667	35.3531	1.3002	1.1952	14.2878
-1.60	0.8379	2.4931	47.6924	36.5937	1.3033	1.1893	13.9783

T= 30000

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-1.40	1.0200	2.3927	47.0289	36.1000	1.3027	1.1850	13.6687
-1.20	1.2020	2.2954	44.1821	34.0291	1.2984	1.1820	13.3711
-1.00	1.3844	2.2045	39.8259	30.8098	1.2926	1.1821	13.1044
-0.80	1.5678	2.1215	34.7896	27.0180	1.2876	1.1837	12.8638
-0.60	1.7520	2.0458	29.8350	23.2025	1.2859	1.1865	12.6468
-0.40	1.9367	1.9750	25.5085	19.7719	1.2901	1.1918	12.4543
-0.20	2.1214	1.9065	22.0621	16.9759	1.2996	1.1985	12.2707
0.0	2.3053	1.8374	19.5177	14.8641	1.3131	1.2054	12.0808
0.20	2.4881	1.7660	17.7514	13.3658	1.3281	1.2096	11.8642
0.40	2.6695	1.6918	16.5272	12.3375	1.3396	1.2094	11.6115
0.60	2.8495	1.6156	15.6476	11.6377	1.3446	1.2059	11.3305
0.80	3.0284	1.5391	14.9358	11.1340	1.3415	1.1970	11.0183
1.00	3.2066	1.4638	14.2963	10.7539	1.3294	1.1825	10.6799
1.20	3.3843	1.3905	13.6961	10.4524	1.3103	1.1628	10.3223
1.40	3.5611	1.3183	13.1311	10.2306	1.2835	1.1406	9.9556
1.60	3.7344	1.2397	0.0	10.1369	0.0	1.0227	9.1403
1.80	3.8877	1.1131	0.0	10.5841	0.0	0.0	0.0

T= 30500

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-5.00	-2.3697	3.8197	0.0	52.1976	0.0	0.0	0.0
-4.80	-2.1784	3.7438	75.6414	62.1795	1.2165	1.1568	17.0333
-4.60	-1.9891	3.6528	86.2684	70.6953	1.2203	1.1499	16.7746
-4.40	-1.8014	3.5509	92.5086	75.4927	1.2254	1.1464	16.5142
-4.20	-1.6145	3.4449	92.3104	75.2377	1.2269	1.1457	16.2607
-4.00	-1.4277	3.3423	85.7923	70.0357	1.2250	1.1472	16.0273
-3.80	-1.2399	3.2497	74.8160	61.2494	1.2215	1.1515	15.8336
-3.60	-1.0506	3.1705	62.0778	50.8720	1.2203	1.1597	15.6948
-3.40	-0.8596	3.1053	49.9545	40.8819	1.2219	1.1715	15.6111
-3.20	-0.6672	3.0515	40.2133	32.6776	1.2306	1.1874	15.5802
-3.00	-0.4738	3.0052	33.5656	26.9367	1.2461	1.2054	15.5785
-2.80	-0.2802	2.9613	30.0858	23.8250	1.2628	1.2216	15.5674
-2.60	-0.0871	2.9148	29.5321	23.1353	1.2765	1.2289	15.4913
-2.40	0.1048	2.8611	31.4435	24.4699	1.2850	1.2278	15.3411
-2.20	0.2949	2.7966	35.0774	27.1917	1.2900	1.2194	15.1148
-2.00	0.4828	2.7198	39.5099	30.5080	1.2951	1.2087	14.8400
-1.80	0.6685	2.6313	43.5218	33.4856	1.2997	1.1997	14.5428
-1.60	0.8522	2.5344	46.0677	35.3308	1.3039	1.1927	14.2303
-1.40	1.0346	2.4337	46.4645	35.6036	1.3051	1.1879	13.9169
-1.20	1.2164	2.3340	44.6383	34.2637	1.3028	1.1845	13.6091
-1.00	1.3984	2.2393	41.0504	31.6257	1.2980	1.1831	13.3222
-0.80	1.5811	2.1517	36.4094	28.1930	1.2914	1.1826	13.0564
-0.60	1.7645	2.0713	31.5756	24.5063	1.2885	1.1843	12.8197
-0.40	1.9486	1.9966	27.1340	21.0284	1.2903	1.1885	12.6084
-0.20	2.1327	1.9250	23.4333	18.0559	1.2978	1.1932	12.4050
0.0	2.3164	1.8538	20.5939	15.7265	1.3095	1.1994	12.2047
0.20	2.4990	1.7810	18.5349	13.9988	1.3240	1.2043	11.9869
0.40	2.6802	1.7058	17.0580	12.7795	1.3348	1.2047	11.7336
0.60	2.8602	1.6289	15.9764	11.9194	1.3404	1.2019	11.4526
0.80	3.0390	1.5514	15.1211	11.2978	1.3384	1.1940	11.1400
1.00	3.2171	1.4751	14.3994	10.8331	1.3292	1.1817	10.8063
1.20	3.3946	1.4006	13.7331	10.4777	1.3107	1.1617	10.4407
1.40	3.5711	1.3268	13.1340	10.2222	1.2849	1.1406	10.0713
1.60	3.7438	1.2460	0.0	10.1368	0.0	1.0118	9.1903

T= 30500

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
1.80	3.8946	1.1125	0.0	10.6944	0.0	0.0	0.0

T= 31000

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-5.00	-2.3582	3.8586	0.0	45.5841	0.0	0.0	0.0
-4.80	-2.1658	3.7922	66.7722	54.8550	1.2172	1.1651	17.3450
-4.60	-1.9753	3.7100	78.3743	64.1812	1.2211	1.1566	17.0936
-4.40	-1.7867	3.6139	87.2765	71.2359	1.2252	1.1509	16.8287
-4.20	-1.5994	3.5094	91.0315	74.0707	1.2290	1.1481	16.5636
-4.00	-1.4127	3.4036	88.3463	71.8855	1.2290	1.1482	15.3126
-3.80	-1.2256	3.3040	80.0847	65.2991	1.2264	1.1507	16.0898
-3.60	-1.0373	3.2159	68.4662	55.9666	1.2233	1.1564	15.9133
-3.40	-0.8475	3.1417	56.1509	45.8994	1.2233	1.1662	15.7950
-3.20	-0.6560	3.0804	45.2290	36.8148	1.2286	1.1797	15.7306
-3.00	-0.4634	3.0289	36.9523	29.8186	1.2392	1.1961	15.7064
-2.80	-0.2701	2.9825	31.8271	25.3539	1.2553	1.2136	15.6994
-2.60	-0.0769	2.9361	29.7620	23.3924	1.2723	1.2267	15.6602
-2.40	0.1155	2.8848	30.3684	23.6522	1.2840	1.2303	15.5454
-2.20	0.3063	2.8243	33.0495	25.6113	1.2904	1.2247	15.3467
-2.00	0.4950	2.7521	36.9916	28.5481	1.2958	1.2158	15.0942
-1.80	0.6815	2.6679	41.1093	31.5903	1.3013	1.2063	14.8037
-1.60	0.8659	2.5737	44.2197	33.8673	1.3057	1.1978	14.4883
-1.40	1.0487	2.4737	45.4985	34.7993	1.3075	1.1916	14.1670
-1.20	1.2306	2.3726	44.6562	34.1675	1.3070	1.1874	13.8504
-1.00	1.4123	2.2747	41.8720	32.1443	1.3026	1.1843	13.5439
-0.80	1.5944	2.1829	37.7911	29.1446	1.2967	1.1829	13.2600
-0.60	1.7772	2.0981	33.1797	25.6727	1.2924	1.1838	13.0046
-0.40	1.9606	2.0194	28.7043	22.2232	1.2916	1.1851	12.7656
-0.20	2.1442	1.9445	24.8109	19.1463	1.2959	1.1890	12.5470
0.0	2.3274	1.8708	21.6998	16.6302	1.3048	1.1929	12.3273
0.20	2.5098	1.7964	19.3709	14.7061	1.3172	1.1971	12.1007
0.40	2.6909	1.7200	17.6777	13.2969	1.3295	1.2001	11.8556
0.60	2.8708	1.6421	16.3978	12.2745	1.3359	1.1973	11.5703
0.80	3.0495	1.5637	15.4089	11.5335	1.3360	1.1917	11.2643
1.00	3.2275	1.4863	14.5602	10.9747	1.3267	1.1786	10.9216
1.20	3.4047	1.4106	13.8356	10.5524	1.3111	1.1604	10.5572
1.40	3.5809	1.3352	13.1874	10.2698	1.2841	1.1398	10.1819
1.60	3.7530	1.2521	12.7107	10.1835	1.2482	0.9985	9.2267
1.80	3.9010	1.1109	0.0	10.8508	0.0	0.0	0.0

T= 31500

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-5.00	-2.3476	3.8916	0.0	40.4231	0.0	0.0	0.0
-4.80	-2.1541	3.8337	58.9115	48.2823	1.2201	1.1748	17.6527
-4.60	-1.9624	3.7606	70.1714	57.4607	1.2212	1.1639	17.4026
-4.40	-1.7728	3.6721	80.6200	65.8198	1.2249	1.1561	17.1387
-4.20	-1.5848	3.5716	87.4425	71.1449	1.2291	1.1517	16.8707
-4.00	-1.3979	3.4655	88.6111	71.9190	1.2321	1.1501	16.6061
-3.80	-1.2112	3.3612	83.6351	67.9431	1.2310	1.1510	16.3605
-3.60	-1.0238	3.2654	73.9701	60.2774	1.2272	1.1540	16.1472
-3.40	-0.8349	3.1824	62.1512	50.7346	1.2250	1.1615	15.9925
-3.20	-0.6445	3.1129	50.5984	41.2378	1.2270	1.1727	15.8925
-3.00	-0.4527	3.0550	41.0496	33.2206	1.2357	1.1888	15.8518

T= 31500

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-2.80	-0.2599	3.0048	34.3553	27.4866	1.2499	1.2063	15.8364
-2.60	-0.0668	2.9572	30.7417	24.2691	1.2667	1.2220	15.8124
-2.40	0.1258	2.9070	29.9530	23.4040	1.2798	1.2289	15.7214
-2.20	0.3171	2.8496	31.5654	24.4836	1.2892	1.2274	15.5563
-2.00	0.5066	2.7817	34.8405	26.8670	1.2968	1.2214	15.3320
-1.80	0.6940	2.7018	38.7475	29.7573	1.3021	1.2122	15.0530
-1.60	0.8791	2.6109	42.2134	32.2932	1.3072	1.2034	14.7444
-1.40	1.0624	2.5124	44.2222	33.7529	1.3102	1.1962	14.4200
-1.20	1.2445	2.4107	44.2404	33.7750	1.3099	1.1904	14.0911
-1.00	1.4260	2.3105	42.3028	32.3719	1.3068	1.1861	13.7700
-0.80	1.6077	2.2151	38.8435	29.8463	1.3015	1.1840	13.4710
-0.60	1.7899	2.1261	34.5859	26.6739	1.2966	1.1831	13.1922
-0.40	1.9726	2.0433	30.1779	23.3271	1.2937	1.1833	12.9339
-0.20	2.1556	1.9649	26.1905	20.2062	1.2962	1.1857	12.6966
0.0	2.3384	1.8886	22.8709	17.5498	1.3032	1.1889	12.4641
0.20	2.5205	1.8121	20.2793	15.4528	1.3123	1.1915	12.2224
0.40	2.7015	1.7344	18.3471	13.8598	1.3238	1.1939	11.9697
0.60	2.8812	1.6554	16.8777	12.6901	1.3300	1.1913	11.6812
0.80	3.0599	1.5760	15.7485	11.8196	1.3324	1.1875	11.3794
1.00	3.2376	1.4974	14.7967	11.1690	1.3248	1.1754	11.0351
1.20	3.4147	1.4204	13.9909	10.6827	1.3097	1.1580	10.6681
1.40	3.5905	1.3434	13.2927	10.3554	1.2836	1.1395	10.2934
1.60	3.7620	1.2579	12.7843	10.2727	1.2445	0.9819	9.2445
1.80	3.9069	1.1083	0.0	11.0433	0.0	0.0	0.0

T= 32000

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-5.00	-2.3376	3.9199	0.0	36.9143	0.0	0.0	0.0
-4.80	-2.1432	3.8693	52.4043	42.8849	1.2220	1.1830	17.9372
-4.60	-1.9505	3.8047	62.4514	51.1178	1.2217	1.1710	17.6966
-4.40	-1.7598	3.7246	73.3141	59.8486	1.2250	1.1625	17.4453
-4.20	-1.5709	3.6303	82.2072	66.8967	1.2289	1.1556	17.1721
-4.00	-1.3835	3.5263	86.6502	70.2971	1.2329	1.1523	16.9000
-3.80	-1.1968	3.4198	85.2478	69.0494	1.2346	1.1521	16.6416
-3.60	-1.0100	3.3182	78.2784	63.4993	1.2327	1.1545	16.4092
-3.40	-0.8221	3.2270	67.7050	55.0907	1.2290	1.1594	16.2167
-3.20	-0.6327	3.1492	56.1300	45.6850	1.2286	1.1682	16.0806
-3.00	-0.4417	3.0841	45.6234	36.9887	1.2334	1.1811	16.0013
-2.80	-0.2496	3.0288	37.5385	30.1645	1.2445	1.1980	15.9700
-2.60	-0.0568	2.9786	32.4157	25.7303	1.2598	1.2147	15.9474
-2.40	0.1358	2.9284	30.2448	23.7103	1.2756	1.2262	15.8867
-2.20	0.3275	2.8732	30.6734	23.8128	1.2881	1.2296	15.7583
-2.00	0.5177	2.8088	33.0671	25.5212	1.2957	1.2261	15.5583
-1.80	0.7058	2.7330	36.5573	28.0947	1.3012	1.2168	15.2887
-1.60	0.8917	2.6458	40.1091	30.6922	1.3068	1.2077	14.9864
-1.40	1.0756	2.5494	42.6715	32.5406	1.3113	1.2005	14.6672
-1.20	1.2580	2.4480	43.4753	33.1244	1.3125	1.1934	14.3300
-1.00	1.4395	2.3462	42.3508	32.3214	1.3103	1.1886	14.0005
-0.80	1.6209	2.2477	39.6078	30.3084	1.3068	1.1857	13.6869
-0.60	1.8026	2.1549	35.7520	27.4882	1.3006	1.1828	13.3847
-0.40	1.9847	2.0681	31.5327	24.3181	1.2967	1.1824	13.1106
-0.20	2.1672	1.9862	27.5237	21.2157	1.2973	1.1837	12.8553
0.0	2.3495	1.9070	24.0570	18.4661	1.3028	1.1860	12.6083
0.20	2.5312	1.8284	21.2441	16.2165	1.3100	1.1872	12.3521

T= 32000

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
0.40	2.7120	1.7491	19.0839	14.4635	1.3195	1.1881	12.0860
0.60	2.8915	1.6688	17.4364	13.1426	1.3267	1.1873	11.8010
0.80	3.0701	1.5882	16.1304	12.1504	1.3276	1.1812	11.4829
1.00	3.2477	1.5085	15.0872	11.4072	1.3226	1.1727	11.1506
1.20	3.4245	1.4301	14.1849	10.8567	1.3066	1.1547	10.7741
1.40	3.6000	1.3515	13.4427	10.4830	1.2823	1.1399	10.4064
1.60	3.7707	1.2635	12.8993	10.3897	1.2415	0.9634	9.2499
1.80	3.9123	1.1044	0.0	11.2820	0.0	0.0	0.0

T= 32500

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-5.00	-2.3281	3.9451	0.0	35.1022	0.0	0.0	0.0
-4.80	-2.1331	3.8999	47.6134	38.8545	1.2254	1.1909	18.2084
-4.60	-1.9395	3.8429	55.8065	45.5754	1.2245	1.1794	17.9873
-4.40	-1.7476	3.7713	66.0791	53.8947	1.2261	1.1696	17.7449
-4.20	-1.5578	3.6843	76.0334	61.8454	1.2294	1.1617	17.4794
-4.00	-1.3697	3.5847	83.0098	67.2798	1.2338	1.1564	17.2022
-3.80	-1.1827	3.4785	84.8501	68.6258	1.2364	1.1538	16.9269
-3.60	-0.9961	3.3731	80.9817	65.4843	1.2367	1.1551	16.6775
-3.40	-0.8089	3.2751	72.4108	58.6874	1.2338	1.1587	16.4594
-3.20	-0.6204	3.1891	61.4596	49.8958	1.2318	1.1658	16.2914
-3.00	-0.4305	3.1164	50.4775	40.9456	1.2328	1.1755	16.1715
-2.80	-0.2391	3.0550	41.2755	33.2704	1.2406	1.1903	16.1122
-2.60	-0.0468	3.0011	34.7530	27.7103	1.2542	1.2071	16.0813
-2.40	0.1457	2.9497	31.1869	24.5425	1.2707	1.2217	16.0394
-2.20	0.3376	2.8955	30.3631	23.6324	1.2848	1.2299	15.9441
-2.00	0.5283	2.8340	31.7764	24.5463	1.2945	1.2284	15.7639
-1.80	0.7171	2.7619	34.7136	26.6574	1.3022	1.2219	15.5215
-1.60	0.9037	2.6783	38.1244	29.1450	1.3081	1.2138	15.2341
-1.40	1.0883	2.5847	41.0182	31.2263	1.3136	1.2051	14.9117
-1.20	1.2711	2.4843	42.4685	32.2891	1.3153	1.1977	14.5740
-1.00	1.4527	2.3816	42.1082	32.0363	1.3144	1.1921	14.2361
-0.80	1.6340	2.2807	40.0209	30.5369	1.3106	1.1872	13.9031
-0.60	1.8152	2.1845	36.6907	28.1074	1.3054	1.1839	13.5879
-0.40	1.9968	2.0939	32.7380	25.1705	1.3006	1.1822	13.2934
-0.20	2.1787	2.0084	28.7572	22.1492	1.2983	1.1817	13.0162
0.0	2.3606	1.9262	25.2075	19.3632	1.3018	1.1825	12.7514
0.20	2.5419	1.8452	22.2331	16.9953	1.3082	1.1834	12.4851
0.40	2.7224	1.7641	19.8775	15.1117	1.3154	1.1835	12.2084
0.60	2.9018	1.6824	18.0571	13.6439	1.3235	1.1832	11.9208
0.80	3.0801	1.6005	16.5851	12.5318	1.3234	1.1770	11.5965
1.00	3.2576	1.5195	15.4120	11.6887	1.3185	1.1677	11.2547
1.20	3.4342	1.4398	14.4323	11.0571	1.3053	1.1502	10.8731
1.40	3.6093	1.3595	13.6215	10.6498	1.2790	1.1387	10.5143
1.60	3.7793	1.2688	13.0588	10.5408	1.2389	0.9431	9.2423
1.80	3.9169	1.0991	0.0	11.5458	0.0	0.0	0.0

T= 33000

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-5.00	-2.3189	3.9685	0.0	34.9818	0.0	0.0	0.0
-4.80	-2.1234	3.9268	44.5561	36.3231	1.2267	1.1961	18.4516
-4.60	-1.9291	3.8761	50.4758	41.1460	1.2267	1.1883	18.2715
-4.40	-1.7363	3.8122	59.4218	48.4164	1.2273	1.1770	18.0344

T= 33000

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-4.20	-1.5454	3.7331	69.4936	56.4797	1.2304	1.1681	17.7785
-4.00	-1.3564	3.6396	78.0940	63.2589	1.2345	1.1613	17.5034
-3.80	-1.1690	3.5359	82.6963	66.8400	1.2372	1.1570	17.2201
-3.60	-0.9823	3.4289	81.9611	66.1330	1.2393	1.1563	16.9524
-3.40	-0.7956	3.3258	75.8995	61.3138	1.2379	1.1582	16.7094
-3.20	-0.6079	3.2325	66.2403	53.6390	1.2349	1.1628	16.5064
-3.00	-0.4189	3.1519	55.3707	44.8679	1.2341	1.1714	16.3595
-2.80	-0.2284	3.0838	45.3988	36.6482	1.2388	1.1842	16.2700
-2.60	-0.0367	3.0251	37.6585	30.1363	1.2496	1.1992	16.2159
-2.40	0.1555	2.9713	32.7385	25.8807	1.2650	1.2153	16.1786
-2.20	0.3475	2.9171	30.6502	23.9237	1.2812	1.2271	16.1075
-2.00	0.5385	2.8575	30.9952	23.9775	1.2927	1.2295	15.9582
-1.80	0.7279	2.7887	33.1666	25.4868	1.3013	1.2257	15.7402
-1.60	0.9153	2.7087	36.2928	27.7305	1.3088	1.2187	15.4685
-1.40	1.1005	2.6180	39.2622	29.8989	1.3132	1.2097	15.1515
-1.20	1.2838	2.5192	41.2155	31.3063	1.3165	1.2013	14.8110
-1.00	1.4657	2.4164	41.5699	31.5420	1.3179	1.1962	14.4744
-0.80	1.6468	2.3137	40.1524	30.5447	1.3145	1.1897	14.1254
-0.60	1.8278	2.2146	37.3808	28.5315	1.3102	1.1855	13.7947
-0.40	2.0089	2.1205	33.7822	25.8755	1.3056	1.1833	13.4862
-0.20	2.1903	2.0314	29.9370	22.9829	1.3026	1.1816	13.1905
0.0	2.3717	1.9461	26.3280	20.2097	1.3027	1.1802	12.9029
0.20	2.5526	1.8626	23.2233	17.7720	1.3067	1.1803	12.6234
0.40	2.7328	1.7795	20.6983	15.7604	1.3133	1.1803	12.3385
0.60	2.9120	1.6962	18.6929	14.1758	1.3186	1.1782	12.0359
0.80	3.0901	1.6130	17.1113	12.9411	1.3222	1.1748	11.7198
1.00	3.2674	1.5306	15.7955	12.0042	1.3158	1.1639	11.3638
1.20	3.4437	1.4494	14.7201	11.3047	1.3021	1.1453	10.9696
1.40	3.6184	1.3674	13.8376	10.8406	1.2765	1.1390	10.6291
1.60	3.7877	1.2739	13.2206	10.7271	1.2324	0.9176	9.2049
1.80	3.9208	1.0923	0.0	11.8501	0.0	0.0	0.0

T= 33500

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-5.00	-2.3098	3.9915	0.0	36.5332	0.0	0.0	0.0
-4.80	-2.1142	3.9514	43.2919	35.3422	1.2249	1.1965	18.6515
-4.60	-1.9193	3.9051	46.7090	37.9958	1.2293	1.1935	18.5192
-4.40	-1.7257	3.8480	53.7676	43.7423	1.2292	1.1848	18.3161
-4.20	-1.5338	3.7767	63.0932	51.2557	1.2309	1.1742	18.0641
-4.00	-1.3439	3.6902	72.4072	58.6778	1.2340	1.1661	17.7946
-3.80	-1.1558	3.5909	79.2081	63.9553	1.2385	1.1611	17.5158
-3.60	-0.9688	3.4845	81.2796	65.5054	1.2408	1.1581	17.2321
-3.40	-0.7823	3.3782	78.0331	62.8472	1.2416	1.1588	16.9724
-3.20	-0.5952	3.2788	70.2913	56.6889	1.2399	1.1620	16.7439
-3.00	-0.4071	3.1907	60.0458	48.5547	1.2367	1.1684	16.5625
-2.80	-0.2174	3.1154	49.7318	40.1594	1.2384	1.1790	16.4402
-2.60	-0.0265	3.0511	40.9912	32.9143	1.2454	1.1920	16.3590
-2.40	0.1653	2.9938	34.8209	27.6565	1.2590	1.2078	16.3118
-2.20	0.3572	2.9385	31.4758	24.6715	1.2758	1.2220	16.2551
-2.00	0.5484	2.8799	30.7399	23.8061	1.2900	1.2294	16.1409
-1.80	0.7383	2.8137	32.0450	24.6350	1.3008	1.2293	15.9536
-1.60	0.9263	2.7371	34.6457	26.4907	1.3078	1.2223	15.6898
-1.40	1.1122	2.6494	37.5945	28.6006	1.3145	1.2149	15.3901
-1.20	1.2960	2.5527	39.8778	30.2392	1.3187	1.2062	15.0524

T= 33500

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-1.00	1.4783	2.4503	40.7679	30.8848	1.3200	1.1988	14.7018
-0.80	1.6595	2.3465	40.0507	30.3631	1.3191	1.1933	14.3542
-0.60	1.8402	2.2449	37.8046	28.7730	1.3139	1.1875	14.0058
-0.40	2.0210	2.1476	34.6176	26.4285	1.3099	1.1842	13.6799
-0.20	2.2019	2.0552	30.9451	23.7167	1.3048	1.1807	13.3622
0.0	2.3828	1.9667	27.3698	20.9941	1.3037	1.1788	13.0612
0.20	2.5633	1.8805	24.1979	18.5162	1.3069	1.1777	12.7660
0.40	2.7432	1.7953	21.5292	16.4140	1.3116	1.1764	12.4664
0.60	2.9221	1.7103	19.3667	14.7146	1.3162	1.1743	12.1565
0.80	3.1001	1.6256	17.6343	13.3798	1.3180	1.1700	11.8300
1.00	3.2771	1.5418	16.2128	12.3465	1.3131	1.1595	11.4694
1.20	3.4531	1.4591	15.0439	11.5808	1.2990	1.1413	11.0696
1.40	3.6274	1.3752	14.1020	11.0737	1.2735	1.1421	10.7559
1.60	3.7958	1.2788	13.4187	10.9297	1.2277	0.8895	9.1483
1.80	3.9240	1.0838	0.0	12.1795	0.0	0.0	0.0

T= 34000

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-5.00	-2.3008	4.0155	0.0	39.8724	0.0	0.0	0.0
-4.80	-2.1052	3.9748	44.1624	36.0930	1.2236	1.1941	18.8268
-4.60	-1.9100	3.9313	44.8063	36.4349	1.2298	1.1964	18.7416
-4.40	-1.7157	3.8795	49.6093	40.3041	1.2309	1.1906	18.5727
-4.20	-1.5230	3.8153	57.4791	46.6756	1.2315	1.1810	18.3436
-4.00	-1.3321	3.7361	66.6279	53.9828	1.2342	1.1721	18.0840
-3.80	-1.1431	3.6426	74.5928	60.2505	1.2380	1.1660	17.8100
-3.60	-0.9557	3.5388	78.9770	63.6354	1.2411	1.1617	17.5216
-3.40	-0.7691	3.4313	78.4376	63.0931	1.2432	1.1606	17.2455
-3.20	-0.5824	3.3272	72.9582	58.7375	1.2421	1.1614	16.9877
-3.00	-0.3950	3.2324	64.1424	51.6851	1.2410	1.1666	16.7818
-2.80	-0.2062	3.1499	54.0349	43.5574	1.2405	1.1747	16.6237
-2.60	-0.0161	3.0793	44.7470	35.9044	1.2463	1.1872	16.5231
-2.40	0.1751	3.0175	37.4870	29.8387	1.2563	1.2015	16.4551
-2.20	0.3668	2.9601	32.9167	25.8913	1.2713	1.2168	16.4011
-2.00	0.5581	2.9016	31.0303	24.1053	1.2873	1.2281	16.3129
-1.80	0.7484	2.8373	31.3988	24.1741	1.2989	1.2299	16.1433
-1.60	0.9369	2.7635	33.3800	25.5237	1.3078	1.2271	15.9141
-1.40	1.1235	2.6790	36.0702	27.4286	1.3151	1.2193	15.6190
-1.20	1.3079	2.5846	38.4737	29.1553	1.3196	1.2115	15.2921
-1.00	1.4905	2.4832	39.7945	30.1099	1.3216	1.2029	14.9357
-0.80	1.6719	2.3789	39.6009	29.9915	1.3204	1.1949	14.5701
-0.60	1.8525	2.2753	37.9625	28.8097	1.3177	1.1901	14.2205
-0.40	2.0330	2.1752	35.1802	26.7958	1.3129	1.1849	13.8737
-0.20	2.2134	2.0796	31.8230	24.3056	1.3093	1.1817	13.5473
0.0	2.3939	1.9879	28.3396	21.6822	1.3070	1.1783	13.2262
0.20	2.5740	1.8991	25.1331	19.2087	1.3084	1.1764	12.9168
0.40	2.7535	1.8116	22.3657	17.0562	1.3113	1.1741	12.6033
0.60	2.9322	1.7247	20.0703	15.2689	1.3145	1.1708	12.2800
0.80	3.1099	1.6384	18.1984	13.8400	1.3149	1.1653	11.9406
1.00	3.2867	1.5531	16.6655	12.7197	1.3102	1.1548	11.5735
1.20	3.4624	1.4687	15.4002	11.8769	1.2967	1.1368	11.1668
1.40	3.6363	1.3830	14.3818	11.3172	1.2708	1.1466	10.8875
1.60	3.8038	1.2834	0.0	11.1529	0.0	0.8589	9.0731
1.80	3.9262	1.0733	0.0	12.5365	0.0	0.0	0.0

T= 34500

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-5.00	-2.2916	4.0414	0.0	44.4331	0.0	0.0	0.0
-4.80	-2.0963	3.9984	46.3483	38.0748	1.2173	1.1878	18.9707
-4.60	-1.9010	3.9556	44.2189	36.0122	1.2279	1.1972	18.9436
-4.40	-1.7063	3.9076	46.5967	37.8221	1.2320	1.1952	18.8127
-4.20	-1.5128	3.8494	52.7068	42.7250	1.2336	1.1884	18.6189
-4.00	-1.3210	3.7773	61.0728	49.4484	1.2351	1.1788	18.3695
-3.80	-1.1311	3.6904	69.5996	56.2025	1.2384	1.1701	18.0894
-3.60	-0.9430	3.5908	75.8306	61.0416	1.2423	1.1553	17.8067
-3.40	-0.7561	3.4840	77.7639	62.4703	1.2448	1.1631	17.5234
-3.20	-0.5697	3.3770	74.7252	60.0123	1.2452	1.1624	17.2475
-3.00	-0.3828	3.2766	67.5878	54.3103	1.2445	1.1658	17.0135
-2.80	-0.1948	3.1871	58.1546	46.7603	1.2437	1.1725	16.8285
-2.60	-0.0054	3.1099	48.5526	38.9699	1.2459	1.1824	16.5928
-2.40	0.1851	3.0430	40.4321	32.2602	1.2533	1.1959	16.6061
-2.20	0.3764	2.9824	34.7352	27.4252	1.2665	1.2107	16.5416
-2.00	0.5677	2.9230	31.7147	24.7239	1.2828	1.2240	16.4661
-1.80	0.7581	2.8598	31.1058	23.9879	1.2967	1.2299	16.3260
-1.60	0.9472	2.7885	32.3659	24.7634	1.3070	1.2296	16.1192
-1.40	1.1343	2.7068	34.6525	26.3684	1.3142	1.2224	15.8350
-1.20	1.3193	2.6149	37.0694	28.0869	1.3198	1.2146	15.5138
-1.00	1.5024	2.5150	38.7237	29.2654	1.3232	1.2061	15.1616
-0.80	1.6839	2.4106	39.0470	29.5072	1.3233	1.1984	14.7962
-0.60	1.8646	2.3056	37.9548	28.7158	1.3217	1.1931	14.4379
-0.40	2.0448	2.2031	35.6225	27.0448	1.3172	1.1870	14.0774
-0.20	2.2250	2.1044	32.5587	24.7905	1.3134	1.1827	13.7337
0.0	2.4050	2.0098	29.2141	22.3022	1.3099	1.1777	13.3926
0.20	2.5847	1.9181	26.0018	19.8681	1.3087	1.1745	13.0657
0.40	2.7639	1.8283	23.1759	17.6754	1.3112	1.1725	12.7460
0.60	2.9422	1.7394	20.7691	15.8186	1.3130	1.1677	12.4063
0.80	3.1197	1.6514	18.7796	14.3011	1.3132	1.1619	12.0580
1.00	3.2962	1.5644	17.1311	13.1034	1.3074	1.1504	11.6786
1.20	3.4716	1.4785	15.7709	12.1933	1.2934	1.1326	11.2651
1.40	3.6450	1.3907	14.6836	11.5765	1.2684	1.1560	11.0410
1.60	3.8117	1.2879	0.0	11.3889	0.0	0.8215	8.9540
1.80	3.9274	1.0606	0.0	12.9242	0.0	0.0	0.0

T= 35000

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-5.00	-2.2823	4.0706	0.0	47.2549	0.0	0.0	0.0
-4.80	-2.0874	4.0231	47.6998	39.5121	1.2072	1.1817	19.1176
-4.60	-1.8921	3.9793	44.2911	36.1753	1.2243	1.1961	19.1284
-4.40	-1.6972	3.9334	45.4961	36.9146	1.2325	1.1977	19.0310
-4.20	-1.5031	3.8798	50.7378	41.0586	1.2357	1.1930	18.8639
-4.00	-1.3105	3.8142	58.6337	47.4549	1.2356	1.1837	18.6303
-3.80	-1.1198	3.7340	67.2647	54.4130	1.2362	1.1734	18.3534
-3.60	-0.9309	3.6398	74.1956	59.9630	1.2374	1.1674	18.0735
-3.40	-0.7435	3.5354	77.1596	62.3820	1.2369	1.1642	17.7881
-3.20	-0.5570	3.4273	75.2543	60.9077	1.2355	1.1638	17.5112
-3.00	-0.3705	3.3226	68.8705	55.9149	1.2317	1.1655	17.2546
-2.80	-0.1831	3.2269	59.8615	48.6679	1.2300	1.1719	17.0507
-2.60	0.0054	3.1430	50.1817	40.7978	1.2300	1.1785	16.8746
-2.40	0.1952	3.0703	41.7663	33.7292	1.2383	1.1908	16.7657
-2.20	0.3860	3.0058	35.6150	28.4103	1.2536	1.2058	16.6926
-2.00	0.5771	2.9446	32.0974	25.2138	1.2730	1.2192	16.6134

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-1.80	0.7677	2.8816	31.0692	24.0577	1.2914	1.2304	16.5097
-1.60	0.9571	2.8121	31.9619	24.5393	1.3025	1.2304	16.3090
-1.40	1.1447	2.7331	34.0628	25.9994	1.3101	1.2244	16.0391
-1.20	1.3303	2.6437	36.4516	27.7202	1.3150	1.2176	15.7314
-1.00	1.5138	2.5455	38.1943	29.0161	1.3163	1.2073	15.3707
-0.80	1.6957	2.4416	38.7576	29.4464	1.3162	1.2016	15.0183
-0.60	1.8765	2.3357	37.8685	28.8487	1.3127	1.1956	14.6519
-0.40	2.0566	2.2310	35.7338	27.3478	1.3066	1.1902	14.2875
-0.20	2.2364	2.1297	32.7752	25.1981	1.3007	1.1829	13.9165
0.0	2.4160	2.0321	29.5192	22.7659	1.2966	1.1772	13.5611
0.20	2.5953	1.9377	26.3219	20.3337	1.2945	1.1730	13.2191
0.40	2.7742	1.8454	23.4918	18.1047	1.2976	1.1711	12.8900
0.60	2.9522	1.7545	21.0542	16.1944	1.3001	1.1669	12.5454
0.80	3.1294	1.6646	19.0155	14.6210	1.3006	1.1604	12.1861
1.00	3.3056	1.5760	17.3255	13.3715	1.2957	1.1484	11.7959
1.20	3.4807	1.4882	15.9306	12.4235	1.2823	1.1303	11.3722
1.40	3.6537	1.3984	14.8167	11.7756	1.2583	1.0858	10.8042
1.60	3.8194	1.2921	0.0	11.5706	0.0	0.8776	9.3368
1.80	3.9273	1.0453	0.0	13.2099	0.0	0.0	0.0

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13. ABSTRACT

Equilibrium thermodynamic data are presented for argon from
a temperature of 300 to 35,000°K and from a log ρ of -5.0 to 2.4,
where ρ is density in amagats. These data are tabulated at constant
temperature with density incremented. The dependent parameters
are log P, Z, C_p/R, C_v/R, γ, γ_E, and A/AA. Several sources were used
in assembling the data.

14. KEY WORDS	LINK A		LINK B		LINK C	
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argon						
thermodynamic properties						
tables (data)						

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